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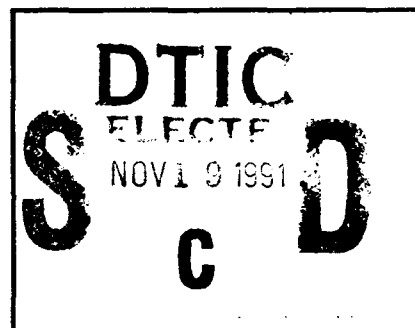
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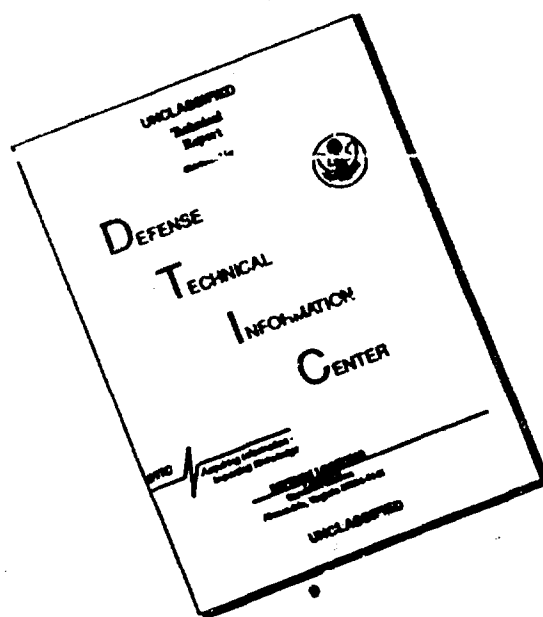
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AD-A242 812



DATA PROCESSING BRANCH

USAFETAC

Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

SPECIAL

VANDENBERG AFB CA

N 34 43 W 120 34

ELEV: 367 FT

MSC #723930

VBG

PARTS A-F

HOURS SUMMARIZED:

0000Z - 2300Z

PERIOD OF RECORD:

HOURLY OBSERVATIONS: SEP 63 - DEC 84

SUMMARY OF DAY DATA: OCT 51 - DEC 52, AUG 57 - DEC 84

TIME CONVERSION GMT TO LST: -8

16 MAY 1985

FEDERAL BUILDING
ASHEVILLE, N. C.

REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-91/155, Revised Uniform Summary of Surface Weather Observations (RUSSWO) for Vandenberg AFB, California, has been reviewed and is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

FOR THE COMMANDER

A handwritten signature in dark ink, appearing to read "Walter S. Burghmann", with a long horizontal flourish extending to the right.

WALTER S. BURGMANN
Scientific and Technical Information
Program Manager

REPORT DOCUMENTATION PAGE

2. Report Date: May 1985
3. Report Type and Dates Covered: Data Summary (RUSSWO) Oct 51-Dec 84
4. Title: Revised Uniform Summary of Surface Weather Observations for Vandenberg AFB, California, MSC 723930
7. Performing Organization Name and Address: Operating Location A, USAF Environmental Technical Applications Center (OL-A, USAFETAC), Federal Building, Asheville, NC 28801-2723
8. Performing Organization Report Number: USAFETAC/DS--91/155
12. Distribution/Availability Statement: Approved for public release; distribution is unlimited.
13. Abstract: A Revised Uniform Summary of Surface Weather Observations (RUSSWO) for Vandenberg AFB, California. See USAFETAC/TN-83/001 (AD-132186) for a complete description of the RUSSWO and its contents, as well as instructions for use.
14. Subject Terms: CLIMATOLOGY, WEATHER, WEATHER STATIONS, WEATHER OBSERVATIONS, STATISTICS, METEOROLOGICAL PHENOMENA, ATMOSPHERIC PHENOMENA, ATMOSPHERIC PRESSURE, PRECIPITATION, VISIBILITY, WIND, CLOUD, CLOUD CEILING, SKY COVER, PSYCHROMETRIC DATA, TEMPERATURE, RELATIVE HUMIDITY, VANDENBERG, CALIFORNIA
15. Number of Pages: 418
17. Security Classification of Report: Unclassified
18. Security Classification of this Page: Unclassified
19. Security Classification of Abstract: Unclassified
20. Limitation of Abstract: UL

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those recorded on record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Proceeding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of preparation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Service and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO ON SUMMARY		STATION NAME	LATITUDE		LONGITUDE		FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
723930		VANDENBERG AFB CALIFORNIA	N 34 44		W 120 33		367	VBG	72393

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Cooke AFB, California	APB	Jun 58	Jan 59	N 34 43	W 120 34	368	341 ft	24
2	Vandenberg AFB, California	Same	Feb 59	Jan 61	Same	Same	Same	Same	24
3	Same	Same	Feb 61	Apr 63	Same	Same	Same	552	24
4	Same	Same	May 63	Dec 70	Same	Same	Same	380	24
5	Same	Same	Jan 71	Aug 73	Same	Same	Same	Same	24
6	Same	Same	Sep 73	Dec 75	Same	Same	Same	Same	17
7	Same	Same	Jan 76	Apr 78	Same	Same	Same	Same	11
8	Same	Same	May 78	Apr 81	Same	Same	Same	Same	10
9	Same	Same	May 81	Jan 85 *	N 34 44	W 120 33	367	Same	10
* Instrument relocation from Sep 82-Aug 83.									

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS. ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE	
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND		
1	Jun 58	Read off indicator by tower operator passed on to Rosby intercom.	AN/GMQ-11	N/A	16 ft.		
2	Feb 59	Located 200 ft N of weather stn.	AN/GMQ-11	ML204B	15 ft.		
3	Mar 59	Located on top of tower.	Same	Same	75 ft.		
4	Oct 60	Located near approach end of runway 30, 3500 ft from Rep. site in control tower.	AN/GMQ-11	RO-2	13 ft.		
5	Mar 64	Located 5/8 of a mile S of ROS.	Same	Same	Same		
6	Mar 66	1. Located 1070 ft N and 110 ft E of runway 30. 2. Located 250 ft S and 860 ft E of runway 12.	Same	Same	Same		
7	Jan 68	Same	Same	RO-362	Same		

USAFETAC FORM NOV73

0-119 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

CONTINUED ON REVERSE SIDE

NUMBER OF CATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	WT ABOVE GROUND	
8	Dec 72	1. Same	AN/GMQ-20	Same	Same	
		2. Same	Same		Same	
9	Apr 81	1. Same	Same	Same	Same	
		2. Same	Same	Same	Same	
10	Sep 82	1. Same	Same	Same	Same	
		2. Same	Same	Same	Same	
11	Jan 85	1. Same	Same	Same	Same	
		2. Same	Same	Same	Same	

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

I HAVE REVIEWED AND FOUND SATISFACTORY THIS PRODUCT

J. J. Mitchell 15 May 85

LM Forman 15 May 85

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72393D
STATION

VANDENBERG AFB CA
STATION NAME

64-84

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		8.0				8.0	13.3	.1			13.5	929
	03-05		5.5				5.5	10.6	.1			10.6	1025
	06-08		7.1				7.1	12.0	.5			12.2	1288
	09-11	.1	6.1				6.1	8.6	.8			8.9	1705
	12-14		5.5			.1	5.5	6.3	1.1			7.0	1706
	15-17	.1	6.1			.1	6.1	8.3	1.5			9.3	1695
	18-20		6.9				6.9	11.9	1.5			12.8	1137
	21-23		8.6				8.6	13.2	1.0			13.8	1089
TOTALS		.0	6.7			.0	6.7	10.5	.8			11.0	10574

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
414 WEATHER SERVICE/MAC

WEATHER CONDITIONS

723930 STATION

VANDENBERG AFB CA

64-84

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		8.4				8.4	13.1	.2			13.1	850
	03-05		7.1				7.1	11.3				11.3	938
	06-08		6.9				6.9	15.1	.9			15.4	1181
	09-11	.1	6.2				6.2	10.7	1.9			11.7	1555
	12-14		4.8				4.8	6.9	2.4			8.2	1547
	15-17	.1	4.6				4.6	9.0	3.2			10.7	1541
	18-20		3.0				3.0	12.7	2.0			13.0	974
	21-23	.2	5.7				5.7	12.9	.4			12.9	906
TOTALS		.1	5.8				5.8	11.5	1.4			12.0	9492

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723930
STATION

VANDENBERG AFB CA

STATION NAME

64-84

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		4.6				4.6	17.3	.5			17.6	936
	03-05		3.9				3.9	18.2	.1			18.2	1033
	06-08		5.6				5.6	19.5	.8			19.6	1348
	09-11	.3	5.0				5.0	10.3	1.9			11.2	1749
	12-14	.1	4.7			.1	4.7	6.2	2.4			7.7	1738
	15-17	.2	5.3			.1	5.3	8.8	2.8			10.3	1731
	18-20		4.5				4.5	15.1	1.9			15.6	1078
	21-23		5.1				5.1	16.6	.7			16.9	1084
TOTALS		.1	4.8			.0	4.8	14.0	1.4			14.6	10617

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723930 STATION

VANDENBERG AFB CA

STATION NAME

64-84

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.1	6.2				6.2	16.4	.6			18.8	909
	03-05		6.1				6.1	19.1	.4			19.2	992
	06-08		4.5		.1		4.5	22.5	2.0			23.7	1319
	09-11		3.5				3.5	11.1	2.4			13.0	1679
	12-14	.1	3.2				3.2	5.7	2.8			7.7	1666
	15-17		3.2				3.2	7.3	3.2			9.4	1690
	18-20		2.8				2.8	11.3	3.2			13.2	1025
	21-23		3.0				3.0	14.1	1.0			14.8	969
TOTALS		.0	4.1		.0		4.1	13.7	2.0			15.0	10109

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723930 STATION

VANDENBERG AFB CA

STATION NAME

64-84

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02		5.8				5.8	34.8	.7			35.2	988
	03-05		7.0				7.0	36.7	1.0			37.3	1037
	06-08		3.9				3.9	43.5	2.5			45.2	1925
	09-11		1.2				1.2	23.8	3.6			25.9	1780
	12-14		.3				.3	14.4	4.3			18.6	1692
	15-17		.5				.5	14.4	4.3			17.2	1523
	18-20		.8				.8	24.4	3.9			26.6	1054
	21-23		3.5				3.5	28.0	2.1			29.7	1007
TOTALS			2.9				2.9	27.5	2.8			29.2	10004

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723930
STATION

VANDENBERG AFB CA
STATION NAME

64-84

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	20-02		10.4				10.4	41.0	.3			41.2	902
	03-05		10.8				10.8	47.8	.6			47.9	998
	06-08		6.4				6.4	52.3	2.5			54.0	1498
	09-11		1.0				1.0	23.4	2.5			24.7	1658
	12-14		.1				.1	10.8	3.5			13.0	1657
	15-17	.3	1.0				1.0	15.5	3.7			17.0	1497
	18-20	.3	3.0				3.0	28.2	3.5			30.8	1007
	21-23		5.6				5.6	34.9	2.9			37.4	965
TOTALS		.1	4.8				4.8	31.7	2.4			33.3	10082

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723930
STATION

VANDENBERG AFB CA
STATION NAME

64-84

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02		8.3				8.3	56.9	1.4			67.4	930
	03-05	.2	11.3				11.3	68.1	.5			68.3	1026
	06-08		6.8				6.8	74.6	.8			74.8	1059
	09-11		1.3				1.3	36.8	4.1			38.7	1665
	12-14		.2				.2	13.2	4.5			15.8	1660
	15-17		.1				.1	20.5	4.6			22.1	1684
	18-20		.9				.9	45.6	3.9			46.9	1037
	21-23		3.9				3.9	53.7	1.5			54.4	996
TOTALS		.0	4.1				4.1	47.4	2.7			48.6	10227

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GLOBAL CLIMATOLOGY BRANCH
JSAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723930 STATION VANDENBERG AFB CA 64-84 YEARS AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02		7.2				7.2	70.4	.5			70.4	959
	03-05		9.5				9.5	71.5	.8			71.5	1099
	06-08		5.3				5.3	76.5	1.6			77.3	1500
	09-11		.7				.7	39.0	4.3			40.9	1707
	12-14	.1	.2				.2	13.2	4.2			15.2	1701
	15-17		.2				.2	21.7	4.6			22.7	1496
	18-20		1.5				1.5	49.6	2.2			49.8	1078
	21-23		3.4				3.4	58.7	.8			58.8	1024
TOTALS		.0	3.5				3.5	50.1	2.4			50.8	10514

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723930
STATION

VANDEMBERG AFB CA
STATION NAME

63-84

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.1	4.5				4.5	42.4	.3			42.6	962
	03-05	.4	6.6				6.6	42.9	.3			42.9	1087
	06-08	.2	6.7				6.7	53.6	1.2			54.0	1543
	09-11	.1	2.0				2.0	29.7	3.1			31.4	1732
	12-14	.1	1.3				1.3	14.7	5.1			17.3	1735
	15-17	.1	1.0				1.0	18.8	4.6			20.9	1546
	18-20	.3	2.1				2.1	31.5	3.1			33.0	1144
	21-23	.4	2.1				2.1	36.3	1.1			36.9	1087
TOTALS		.2	3.3				3.3	33.7	2.4			34.9	10856

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723930 STATION

VANDENBERG AFB CA

63-84

STATION NAME

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02		5.0				5.0	28.8	.3			29.1	958
	03-05		4.7				4.7	27.8	.4			28.0	1081
	06-08		4.1				4.1	33.9	1.4			34.6	1525
	09-11		1.5				1.5	19.6	3.0			21.1	1748
	12-14		.7				.7	11.1	4.2			13.4	1746
	15-17		1.7				1.7	15.8	5.0			18.6	1573
	18-20		2.9				2.9	24.9	2.6			26.4	1154
	21-23		2.8				2.8	26.9	1.2			27.5	1089
TOTALS			2.9				2.9	23.6	2.3			24.8	10871

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723930
STATION

VANDENBERG AFB CA
STATION NAME

63-84

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02	.2	7.3				7.3	17.8	.3			17.8	905
	03-05		6.8				6.8	15.3	.7			15.6	1022
	06-08		5.7				5.7	18.0	1.6			18.6	1242
	09-11	.1	3.6				3.6	9.2	2.1			10.7	1600
	12-14		4.2				4.2	6.5	3.4			8.6	1689
	15-17	.1	4.3				4.3	10.2	2.6			11.3	1880
	18-20		6.5				6.5	15.5	3.1			16.2	1099
	21-23		7.8				7.8	18.1	.7			18.1	1083
TOTALS		.1	5.8				5.8	13.8	1.8			14.6	10410

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GLOBAL CLIMATOLOGY BRANCH
JSAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723930 STATION

VANDENBERG AFB CA STATION NAME

63-84

YEARS

DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		6.9				6.9	11.8	.1			11.8	937
	03-05		6.7				6.7	10.3				10.3	1040
	06-08		6.6				6.6	12.2	.5			12.3	1287
	09-11		5.0				5.0	8.6	.9			8.9	1758
	12-14		4.8		.1		4.8	6.0	1.5			6.7	1757
	15-17		4.6				4.6	8.7	1.7			9.5	1741
	18-20		7.2				7.2	10.2	1.0			10.6	1165
	21-23		7.6				7.6	11.3	.3			11.9	1136
TOTALS			6.2		.1		6.2	9.9	.8			10.2	10891

GLOBAL CLIMATOLOGY BRANCH
 JSAPETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

723930
 STATION

VANDEMBERG AFB CA
 STATION NAME

63-84

YEARS

ALL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	6.7			.0	6.7	10.5	.8			11.0	10574
FEB		.1	5.8				5.8	11.5	1.4			12.0	9492
MAR		.1	4.8			.0	4.8	14.0	1.4			14.6	10617
APR		.0	4.1		.0		4.1	13.7	2.0			15.0	10189
MAY			2.9				2.9	27.5	2.8			29.2	10484
JUN		.1	4.8				4.8	31.7	2.4			33.3	10082
JUL		.0	4.1				4.1	47.4	2.7			48.6	10227
AUG		.0	3.5				3.5	50.1	2.4			50.8	10514
SEP		.2	3.3				3.3	33.7	2.4			34.9	10856
OCT			2.9				2.9	23.6	2.3			24.8	10871
NOV		.1	5.8				5.8	13.6	1.8			14.6	10410
DEC			6.2		.0		6.2	9.9	.8			10.2	10841
TOTALS		.1	4.6		.0	.0	4.6	24.0	1.9			24.9	125157

ATMOSPHERIC PHENOMENA

PART A

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.

(2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.

(3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $\frac{5}{8}$ mile.

GLOBAL CLIMATOLOGY BRANCH
JSAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS
XXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

723930 VANDENBERG AFB CA 52, 58-84 ALL
STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	1.4	28.0		.4	1.1	28.0	31.0	7.4			32.3	733
FEB		.9	30.1			.6	30.1	38.4	9.7			39.1	672
MAR		.8	30.7	.1		.8	30.7	38.0	8.7			39.2	748
APR		.4	23.0			.3	23.0	41.5	11.7			42.5	744
MAY		.1	20.8				20.8	58.3	14.9			60.4	732
JUN		.7	24.8				24.8	71.4	15.7			72.7	737
JUL		.5	24.7				24.7	88.5	20.2			89.3	748
AUG		.5	22.6				22.6	88.4	16.3			88.8	766
SEP		1.6	20.3			.1	20.3	69.6	14.2			70.7	738
OCT		.1	16.2				16.2	55.7	15.7			56.4	752
NOV		.8	23.4			.1	23.4	39.5	11.1		.1	40.4	721
DEC		.1	22.5		.3	.5	22.5	31.6	8.9			32.8	754
TOTALS		.7	23.9	.0	.1	.3	23.9	54.3	12.9		.0	55.4	8845

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- * 1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- * 2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	" .00" equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	" .0" equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	" 0" equals none for the month (whole inches)
3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

NOTES:

- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945 at 0800LST
Jan 46-May 57 at 1230GMT
Jun 57-present at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52 at 0030GMT
Jul 52-May 57 at 1230GMT
Jun 57-present at 1200GMT

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

723930 STATION NAME VANDENBERG AFB CA 52. 58-84 YEARS

PRECIP.	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	68.1	5.9	1.7	5.1	3.3	3.9	5.5	3.5	2.9					26.0	762	2.53	9.30	.00	
FEB	65.6	6.5	1.3	4.0	4.6	6.3	4.9	3.7	2.7	.3				28.0	694	2.38	9.21	.08	
MAR	63.7	8.9	2.8	5.3	2.2	5.9	5.5	4.1	1.5	.1				27.5	779	2.20	7.02	TRACE	
APR	71.4	9.1	2.7	4.6	3.0	3.9	2.7	2.0	.7					19.5	744	1.18	4.61	.01	
MAY	76.5	14.5	2.9	3.4	1.4	.7	.4	.1	.1					9.1	761	.17	2.67	TRACE	
JUN	74.1	19.5	2.5	3.5		.4								6.4	764	.06	.32	.00	
JUL	73.9	21.5	1.8	2.6	.3									4.6	781	.02	.14	.00	
AUG	73.6	20.7	3.4	1.1	.8	.4		.1						5.8	798	.04	1.04	.00	
SEP	75.1	14.8	4.1	2.7	1.1	.8	1.1	.1	.1					10.1	736	.16	2.28	.00	
OCT	80.6	10.5	1.2	2.0	1.1	2.0	1.3	1.1	.3					8.9	752	.68	2.55	.00	
NOV	71.5	7.7	1.3	4.5	2.7	3.3	4.1	3.9	.9					20.8	751	2.04	6.26	.00	
DEC	72.6	5.0	3.2	4.0	2.0	5.0	3.8	.3	.9	.3				22.4	784	2.03	5.50	.14	
ANNUAL	72.2	12.0	2.4	3.6	1.9	2.7	2.4	1.8	.8	.1				15.8	910	13.49			

GLOBAL CLIMATOLOGY BRANCH
JSAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

123133 STATION NAME
VANDEMBERG AFB CA

52, 58-84

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
52	1.49	.36	3.22	.37	TRACE	.32	.01	.01	.37	TRACE	1.27	.76	
53					TRACE	.02	.02	.01	.01	TRACE	.07	.18	
59	1.35*	1.18	.01	.18	TRACE	TRACE	TRACE	.01	.31	TRACE	.00	.19	1.35
50	.92	1.53	.23	1.16	.31	.01	TRACE	.02	.00	1.49	.92	.73	1.53
51	.61	.08	.35	.09	.06	.04	.01	TRACE	.01	TRACE	.68	.82	.82
52	.89	1.75	.96	.01	.14	TRACE	TRACE	TRACE	TRACE	.27	.01	.50	1.75
53	.47	2.05	1.31	.71	.31	.02	TRACE	.20	.32	.45	.82	.11	2.05
54	1.30	.27	.89	.34	.16	.03	.05	.07	TRACE	.96	.64	.51	1.30
55	.43	.37	.60	1.32	.01	TRACE	.03	.01	.05	.03	1.35	1.26	1.35
56	.94	.31	.33	.03	.02	.02	.01	.01	.09	.01	1.10	3.04	3.04
57	.79	.21	.70	.77	.28	.13	TRACE	.02	.13	TRACE	.71	.63	.79
58	.43	.74	1.59	.65	.13	.01	TRACE	.07	TRACE	1.29	.41	.52	1.59
59	1.60	1.66	.16	1.07	.05	.05	.02	.01	.10	.35	.81	.24	1.66
70	.52	1.45	.68	.05	TRACE	.04	.01	TRACE	.02	.18	1.45	.78	1.45
71	.45	.15	.54	.90	.70	.01	.09	.10	.10	.06	.50	.57	.90
72	.11	.14	TRACE	.25	.03	.03	.02	TRACE	.02	.93	1.34	.63	1.34
73	2.26	1.42	.97	.04	.07	TRACE	TRACE	TRACE	.06	.34	.73	.87	2.26
74	1.46	.11	1.84	.76	.37	.03	.03	.02	.03	.74	.12	2.75	2.75
75	.16	1.04	1.35	.39	.10	.02	.03	.01	.03	.24	.35	.18	1.36
76	.00*	2.52*	.73*	.54*	.01*	.18*	.04*	.87*	.99*	.13*	.08*	.38	* 2.52
77	* 1.33*	.17*	1.04*	.02*	2.15*	.04*	.03*	.03*	.06*	.06*	.24*	1.65	* 2.15
78	* 1.12*	2.20*	2.21*	.90*	.02*	.03*	.04*	.00*	1.72*	.00*	.60*	.53	* 2.21
79	* 1.75*	1.03*	.55*	.22*	.12*	.00*	.00*	TRACE*	TRACE*	.30*	.39*	.10	* 1.75
80	* 1.74*	1.95*	.80*	.20*	.05*	TRACE*	.09*	TRACE*	.01*	.00*	.00*	.57	* 1.95
81	* 1.14*	.84*	1.61*	.01*	.01*	.00*	.00*	.06*	.01*	.72*	.46*	.41	* 1.61
82	* 1.06*	.65*	.94*	1.46*	TRACE*	.02*	.02*	.01*	.32*	.52*	1.03*	.76	* 1.46
83	* 2.47*	3.14*	1.58*	.82*	.12*	.05*	.03*	.21*	.28*	1.00*	.86*	.54	* 3.14
84	* .02*	.15*	.40*	.27*	TRACE*	TRACE*	TRACE*	.09*	TRACE*	.27*	.90*	1.06	* 1.06
MEAN	.971	.791	.856	.506	.119	.026	.017	.031	.095	.418	.718	.838	1.639
S.D.	.575	.725	.794	.424	.171	.030	.022	.050	.121	.488	.471	.802	.657
TOTAL OBS.	762	694	779	744	761	764	781	798	735	752	751	784	9106

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
JSAFETAC
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XXXXXXXXXXXX
XXXXXXXXXXXX
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

723933 VANDENBERG AFB CA STATION NAME

52, 58-84

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
52	5.17	1.23	7.02	.90	TRACE	.03	.01	.03	.60	TRACE	2.48	3.77	
53					*TRACE	TRACE	.02	.03	.41	TRACE	.11	.18	
59	1.63*	3.37	.02	.18	TRACE	TRACE	TRACE	.01	.03	TRACE	.00	.25	* 5.87
50	3.43	3.90	.50	1.74	.01	.01	TRACE	.04	.00	1.66	3.36	.84	15.49
51	1.06	.16	.70	.10	.08	.04	.01	TRACE	.01	TRACE	1.39	1.15	4.72
52	2.10	9.21	2.05	.01	.17	TRACE	TRACE	TRACE	TRACE	.44	.01	.53	14.52
53	.89	3.12	3.41	2.56	.35	.04	TRACE	.27	.53	.83	2.58	.16	14.75
54	1.89	.08	2.66	.46	.28	.07	.05	.07	TRACE	1.88	2.32	2.61	12.37
55	1.11	.48	1.66	4.03	.01	TRACE	.03	.01	.05	.03	6.26	2.82	16.49
56	1.18	1.25	.32	.05	.05	.03	.03	.04	.15	.01	2.11	5.47	10.69
57	1.94	.40	2.29	4.61	.36	.32	TRACE	.02	.39	TRACE	2.33	1.39	13.95
58	1.14	1.22	3.68	1.13	.19	.01	TRACE	.07	TRACE	2.55	.94	2.39	13.32
69	9.30	7.73	.60	1.88	.12	.18	.03	.01	.19	.52	1.58	.73	22.87
70	2.02	2.09	1.13	.11	TRACE	.09	.01	TRACE	.03	.18	2.46	3.04	11.16
71	1.11	.24	.93	1.37	.95	.03	.10	.12	.10	.09	.92	3.14	9.09
72	.21	.37	TRACE	.31	.04	.04	.02	TRACE	.02	1.46	5.05	1.46	8.98
73	5.61	5.92	3.46	.05	.18	TRACE	TRACE	TRACE	.18	.58	2.64	1.98	20.60
74	5.59	.24	5.21	1.10	.10	.07	.09	.08	.14	1.26	.14	4.71	18.73
75	.30	2.76	4.02	.71	.17	.02	.06	.03	.04	.58	.35	.21	* 9.25
76	* .00*	4.61*	1.69*	1.49*	.01*	.18*	.14*	1.04*	2.28*	.16*	.18*	.38	*12.16
77	* 2.27*	.22*	1.44*	.07*	2.67*	.06*	.04*	.05*	.11*	.13*	.25*	5.50	*12.81
78	* 5.05*	7.97*	5.69*	2.68*	.02*	.06*	.11*	.00*	1.72*	.00*	1.31*	1.11	*25.72
79	* 4.61*	2.92*	2.49*	.25*	.13*	.00*	.00*	TRACE*	TRACE*	.44*	.63*	.14	*11.63
80	* 4.80*	4.66*	1.57*	.48*	.14*	TRACE*	.09*	TRACE*	.01*	.00*	.00*	.84	*12.59
81	* 4.13*	1.74*	3.94*	.01*	.02*	.00*	.00*	.06*	.01*	.92*	.90*	1.01	*12.74
82	* 3.05*	1.48*	4.63*	2.62*	TRACE*	.02*	.02*	.02*	.68*	.76*	4.03*	1.62	*18.93
83	* 6.79*	7.15*	6.96*	2.63*	.15*	.05*	.00*	.27*	.28*	1.32*	1.70*	1.10	*28.40
84	* .03*	.42*	.40*	.60*	TRACE*	TRACE*	TRACE*	.09*	TRACE*	.47*	2.43*	3.50	* 7.94
MEAN	2.533	2.376	2.203	1.183	.171	.056	.022	.044	.165	.675	2.038	2.034	13.849
S.D.	2.395	2.804	1.955	1.360	.227	.081	.030	.066	.197	.802	1.689	1.578	4.714
TOTAL OBS.	752	694	779	744	761	764	781	798	736	752	751	784	9106

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SMO - FALL
(FROM DAILY OBSERVATIONS)

723930 STATION VANDENBERG AFB CA STATION NAME 2. 57-84 YEARS

AMOUNTS (INCHES)																	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	PERCENT OF DAYS WITH MEASUR- ABLE AMTS		TRACE	.0		.0		
													OVER 20.00	OVER 50.4						
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					LEAST		
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120							
JAN	99.6	.4													782	TRACE	TRACE	.0		
FEB	100.0														695	.0	.0	.0		
MAR	100.0														779	.0	.0	.0		
APR	100.0														770	.0	.0	.0		
MAY	100.0														791	.0	.0	.0		
JUN	100.0														766	.0	.0	.0		
JUL	100.0														781	.0	.0	.0		
AUG	100.0														809	.0	.0	.0		
SEP	100.0														760	.0	.0	.0		
OCT	100.0														775	.0	.0	.0		
NOV	100.0														770	.0	.0	.0		
DEC	99.9	.1													816	TRACE	TRACE	.0		
ANNUAL	100.0	.0													6294	.				

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SNOWFALL

(FROM DAILY OBSERVATIONS)

723930 STATION VANDENBERG AFB CA STATION NAME 52, 57-84 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	*	.0	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	*TRACE
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	*TRACE
80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	*TRACE
MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
S.D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	792	695	779	770	791	766	781	809	760	775	770	816	929

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXX
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

723930 STATION VANDENBERG AFB CA STATION NAME
52, 57-84 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	*TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	*TRACE
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	*TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	*TRACE
80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
83	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
84	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	*TRACE
MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
S.D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	792	695	779	770	791	766	781	809	760	775	770	816	9294

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

723930 STATION VANDENBERG AFB CA STATION NAME 52. 57-84 YEARS

PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
																MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	100.0														743			
FEB	100.0														718			
MAR	100.0														605			
APR	100.0														770			
MAY	100.0														791			
JUN	100.0														766			
JUL	100.0														781			
AUG	100.0														809			
SEP	100.0														760			
OCT	100.0														775			
NOV	100.0														770			
DEC	100.0														816			
ANNUAL	100.0														9344			

3103AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

723930 STATION VANDENBERG AFB CA STATION NAME 52, 57-84 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
52	0	0	0	0	0	0	0	0	0	0	0	0	0
57	*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0
58	0	0	0	0	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0	0	0
81	0	0	0	0	0	0	0	0	0	0	0	0	0
82	0	0	0	0	0	0	0	0	0	0	0	0	0
83	0	0	0	0	0	0	0	0	0	0	0	0	0
84	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S.D.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL OBS.	733	718	825	773	791	766	781	879	762	775	772	816	9345

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88.5 (OLA)

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- *2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH
JSAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SURFACE WINDS

(FROM DAILY OBSERVATIONS)

723930 VANDENBERG AFB CA
STATION NAME

63-54

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS		
63					NW 31NNW 28N	26NW	25NNW	22NNE	24NW	30NW	22		SSW 36		
64	SSW 36NW	27ESE 31NW	32NW	31NW	31NW	32NW	29NW	22NW	24ESE	21SW	29ESE	32	SSW 36		
65	NNW 32NNW	32SE 40NNW	34NNW	35NNW	35NNW	29NW	25NW	23NW	25NNW	30SE	35SW	*31	SE 40		
66	SE 33NW	30NW	33NNW	25NW	23NNW	30NW	23NW	22NW	24NNW	25ESE	28SE	*34	SE *34		
67	SSW 33NNE	24NNW	28NW	29NNW	27NW	23NW	*16NNW	*21NNW	20NW	28SE	26S	28	SSW 33		
68	NW 22SE	*22NNW	26NNW	36NNW	28NNW	2629/	2429/	2831/	3231/	7832/	3133/	33	NNW 36		
69	33/ 4119/	4132/	3633/	3532/	3332/	3132/	2531*	2434/	2633/	3215/	3333/	33	33/ 41		
70	13/ 3217/	3133/	2932/	3332/	3232/	3632/	2532/	2333/	2732/	2428/	3813/	32	28/ 38		
71	33/ 2933/	3533/	3330/	3233/	2632/	2033/	2832/	2931/	3033/	3233/	2513/	39	13/ 39		
72	33/ 2933/	2834/	3333/	3133/	2933/	3233/	2334/	3034/	2517/	3234/	3030/	32	34/ 33		
73	13/ 3616/	4033/	3733/	3736/	3035/	3234/	2633/	2533/	2733/	2716/	2931/	28	16/ 40		
74	14/ 3433/	3233/	2531/	3133/	2731/	2033/	2433/	2132/	1932/	36	1/ 2613/	35	32/ 36		
75	34/ 2818/	3313/	4033/	3032/	3534*	3033*	2532*	2232*	2033*	2933*	3033*	26	13/ 40		
76	33*	1933*	2531*	3231*	4032*	2433*	3232*	2632*	2923*	22	2*	2*	31*	40	
77	33*	2033*	2933*	3222*	3232*	3032*	2433*	2031*	2534*	2833*	24	1*	3215*	44	
78	26*	3831*	3014*	3232*	2433*	3034*	2832*	2511*	3034*	3133*	1713*	2431*	32	26*	38
79	14*	4114*	3031*	3033*	3633*	3333*	3334*	3735*	3232*	2732*	2610*	4414*	43	10*	44
80	12*	2813*	3532*	37	1*	3530*	3333*	3212*	3032*	20	9*	3332*	2733*	2910*	40
91	29*	48	1*	3831*	3333*	2831*	3133*	3624*	1932*	2632*	22	1*	2636*	2536*	25
92	12*	3736*	3028*	3032*	3032*	2532*	2929*	1831*	2033*	2734*	3031*	52			
93	11*	4423*	5416*	3613*	3432*	3729*	3233*	3732*	2231*	2231*	3414*	3635*	25	20*	54
94	36*	3429*	3033*	3332*	3932*	3633*	3232*	2433*	3733/	2532*	3013*	3732*	40	32*	40
MEAN	32.1	32.1	32.6	32.1	29.5	28.3	25.2	24.8	25.1	28.3	30.0	31.4	37.0		
S.D.	4.795	5.147	5.035	3.288	4.095	5.065	1.722	3.190	3.593	4.330	3.838	4.575	2.530		
TOTAL OBS.	562	521	572	554	592	574	577	600	571	577	555	555	6808		

USAF ETAC FORM 0-88-5 (OIA)

NOTES * (BASED ON LESS THAN FULL MONTHS)

5 (34) TO ON LESS THAN FULL MONTHS AND +100 MONTHS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA

STATION NAME

64-84

YEARS

JAN

MARCH

ALL WEATHER

CLASS

ALL

MOORE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.6	3.0	1.5	.1	.0						9.0	7.1
NNE	1.0	1.7	1.3	.7	.0							4.7	6.5
NE	.9	.8	.6	.1								2.3	4.7
ENE	1.0	.7	.1									1.8	3.5
E	2.8	3.9	.6	.0								7.3	4.0
ESE	3.5	8.4	2.8	.4	.2	.0						15.2	5.3
SE	2.0	3.4	1.9	1.9	.9	.2	.0					10.4	8.3
SSE	.6	.7	.8	.8	.3	.0						3.2	8.6
S	.5	.5	.7	.6	.2	.1						2.5	9.1
SSW	.3	.3	.4	.2	.1	.0	.0					1.3	7.8
SW	.4	.5	.5	.2								1.5	6.1
WSW	.4	1.0	.6	.1								2.1	5.5
W	1.1	2.2	.7	.2	.0							4.2	5.2
WNW	1.1	1.8	.9	.2	.0							4.2	5.5
NW	1.3	3.1	3.6	1.7	.2							9.9	7.4
NNW	1.4	2.8	4.1	2.9	.2	.0						11.6	8.3
VARBL													
CALM												8.9	
	20.0	34.5	22.4	11.6	2.2	.4	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

10481

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

123930
STATION

VANDENBERG AFB CA

64-84

FEB

STATION NAME

YEARS

MONTH

ALL WEATHER
CLASS

ALL

MOORE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.9	2.5	1.3	.1	.0						8.4	7.0
NNE	1.1	1.5	.9	.7	.1							4.3	6.7
NE	.7	.8	.2	.1	.0							1.9	4.5
ENE	.8	.7	.0	.0	.0	.0						1.6	3.9
E	2.5	3.9	.6	.1								7.1	4.2
ESE	2.7	6.5	2.4	.3	.1	.0						12.0	5.3
SE	1.7	2.0	1.8	1.9	.4	.1						8.4	7.9
SSE	.6	.7	.7	.9	.2	.1						3.1	8.7
S	.4	.6	.7	.5	.1	.1						2.3	8.4
SSW	.2	.3	.3	.2	.0							1.1	7.4
SW	.1	.6	.6	.2								1.5	7.1
WSW	.4	.9	.7	.2	.0							2.2	6.3
W	.9	2.6	1.4	.2	.0							5.0	5.6
WNW	.8	2.5	2.1	.5	.1							5.9	6.7
NW	1.1	3.1	4.6	3.1	.5	.0						12.5	8.7
NNW	1.0	2.9	4.3	4.6	.8	.1						13.7	9.6
VARBL													
CALM												8.9	
	16.6	32.9	23.9	14.9	2.4	.4						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

9405

GLOBAL CLIMATOLOGY BRANCH
JSAFETAC
AFR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

120930 VANDENBERG AFB CA
STATION

DATE

TIME

MAP
NORTH

ALL WEATHER
EQUIPMENT

ALL
EQUIPMENT

WIND DIRECTION	1-5	6-10	11-15	16-20	21-25	26-30	31-40	41-50	51-60	61-70	71-80	81-90	91-100	MEAN WIND SPEED
N	1.5	2.0	2.6	1.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	6.8
NNE	1.0	1.7	0.7	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	5.7
NE	1.0	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	3.6
ENE	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	3.1
E	2.1	1.9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	3.6
ESE	1.5	3.2	1.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	5.2
SE	1.2	1.4	0.9	1.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	7.5
ESE	0.4	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	9.5
S	0.5	0.5	0.6	0.6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	8.1
SSW	0.5	0.5	0.4	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	8.0
SW	0.4	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	6.7
WSW	1.0	2.4	2.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	6.6
W	0.9	2.4	2.0	1.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	6.0
WNW	1.1	3.4	5.4	0.2	1.4	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	7.3
NW	1.0	3.1	0.5	0.2	1.6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	10.1
NNW	1.0	3.1	0.5	0.2	1.6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	10.5
VARBL														
CALM														
TOTAL	15.8	25.4	25.7	15.1	3.9	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	7.2

TOTAL NUMBER OF OBSERVATIONS

1929

GLOBAL CLIMATOLOGY BRANCH
JSAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930

STATION VANDENBERG AFB CA

64-84

YEARS

APR

STATION NAME

ALL WEATHER

CLASS

ALL

MOON (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.5	2.1	1.3	.1	.0						7.7	6.9
NNE	.9	.9	.3	.1								2.2	4.6
NE	.7	.3	.1	.0								1.1	3.6
ENE	.5	.3	.1									.8	3.3
E	1.2	1.1	.2	.0								2.6	3.7
ESE	1.7	2.0	.7	.3	.0	.0						4.7	5.1
SE	1.0	1.1	.6	.2	.0	.0						3.0	5.4
SSE	.4	.3	.2	.1	.0							1.1	5.7
S	.4	.3	.4	.2	.0							1.3	6.1
SSW	.2	.2	.3	.1								.8	6.1
SW	.3	.4	.5	.1	.0							1.3	6.7
WSW	.5	.8	.9	.1	.0							2.3	6.2
W	1.0	2.4	2.1	.2								5.7	6.1
WNW	.9	2.8	3.4	1.4	.1							8.7	7.5
NW	1.6	4.2	3.7	7.7	1.6	.3	.0					24.1	10.0
NNW	1.7	3.9	7.1	7.3	2.0	.6	.0					22.5	10.3
VARBL													
CALM												9.9	
	14.8	23.8	27.4	19.2	4.0	.9	.0					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

10098

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA

STATION NAME

64-84

YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.2	1.2	.5	.1							6.2	5.9
NNE	1.1	.2	.1	.0								1.6	2.9
NE	.5	.2	.1	.0								.7	3.4
ENE	.3	.1										.4	2.3
E	.9	.5	.0									1.4	3.1
ESE	.9	.7	.2									1.7	3.7
SE	.8	.3	.1	.0								1.1	3.2
SSE	.3	.1	.1	.1	.0							.6	4.8
S	.5	.1	.1	.0								.7	3.7
SSW	.3	.1	.0									.4	3.0
SW	.5	.4	.2	.1								1.1	4.7
WSW	.6	.9	.6	.1								2.3	5.4
W	1.6	3.6	2.4	.2								7.9	5.6
WNW	1.8	4.5	4.8	1.7	.2	.1						13.1	7.2
NW	2.5	6.9	10.3	7.2	1.3	.2						28.4	8.9
NNW	2.4	5.2	7.8	6.0	1.2	.1						22.6	8.9
VARBL													
CALM												10.0	
	17.1	25.9	27.9	16.0	2.7	.4						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

10389

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723000
STATION

VANDENBERG AFB CA

STATION NAME

64-84

YEARS

JUN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.2	.9	.4	.0	.0						5.6	5.2
NNE	.9	.4	.0	.0								1.4	3.0
NE	.4	.1	.0									.5	2.3
ENE	.3	.0										.3	2.2
E	.7	.3	.0									1.0	3.0
ESE	.7	.5	.1									1.2	3.3
SE	.5	.2	.0									.8	3.1
SSE	.3	.1	.0									.4	2.9
S	.4	.1	.1	.0								.5	3.1
SSW	.4	.1	.1	.0								.6	3.5
SW	.5	.3	.1	.1								.9	3.4
WSW	.6	.7	.6	.1								2.1	5.0
W	1.7	3.0	3.1	.2	.0							8.9	5.0
WNW	1.9	3.9	5.3	1.5	.1							12.7	7.1
NW	2.8	6.9	11.8	7.5	1.3	.1						30.9	6.8
NNW	3.3	6.7	7.7	4.1	.9	.1						22.8	7.8
VARBL													
CALM												10.1	
	17.2	26.4	29.8	14.0	2.4	.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

9990

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723980

WANDENBERG AFB CA

64-84

JUL

STATION NAME

YEARS

MONTH

ALL WEATHER
CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	2.5	.8	.1	.0	.0						5.9	5.1
NNE	1.1	.3	.0									1.5	2.7
NE	.5	.1										.6	2.6
ENE	.2											.2	2.9
E	.6	.0										.6	2.1
ESE	.5	.2	.0									.8	2.7
SE	.5	.2										.7	2.8
SSE	.2	.1										.3	1.0
S	.2	.1										.3	2.6
SSW	.3	.1										.5	2.6
SW	.4	.2	.0									.6	2.9
WSW	.6	.8	.5	.0								1.9	6.9
W	1.9	3.8	3.8	.1								9.7	6.8
WNW	2.2	4.9	6.1	.6	.0							13.8	6.4
NW	3.8	8.7	12.3	3.6	.2							28.5	7.2
NNW	3.7	7.1	6.5	2.2	.3	.0						19.9	6.6
VARBL													
CALM												14.4	
	19.1	29.1	30.1	6.7	.5	.0						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

18133

GLOBAL CLIMATOLOGY BRANCH
JSAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723980
STATION

VANDENBERG AFB CA
STATION NAME

64-84
YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	2.0	.5	.2								6.0	4.0
NNE	1.1	.3										1.3	3.5
NE	.4	.0										.5	2.3
ENE	.3	.0										.3	2.2
E	.7	.2	.0									.8	2.7
ESE	.6	.2	.0									.8	2.9
SE	.6	.2	.1	.0								.8	3.3
SSE	.3	.1	.0	.0								.5	2.9
S	.3	.0	.0									.4	2.8
SSW	.2	.1	.0									.3	2.9
SW	.3	.1	.0									.5	3.3
WSW	.8	.6	.4	.0								1.8	4.5
W	2.2	3.5	3.1	.1								8.9	5.9
WNW	2.2	5.0	5.6	.9	.0							13.8	6.4
NW	4.3	8.0	10.9	4.0	.3	.0						27.6	7.2
NNW	3.6	6.2	4.6	2.1	.3	.1						16.9	6.7
VARBL													
CALM												18.7	
	21.2	26.6	25.3	7.4	.7	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

10917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAEC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723900

WANDENBURG AFB CA

STATION NAME

63-84

YEARS

SEP

MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	1.6	.6	.2	.0							5.5	3.7
NNE	1.3	.8	.1	.0								1.6	3.3
NE	.7	.1	.1	.0								.9	3.0
ENE	.6	.1	.0									.7	3.0
E	2.1	.9	.1									3.1	3.0
ESE	2.1	1.3	.4	.0								4.0	3.7
SE	1.3	.6	.2	.0								2.1	3.0
SSE	.6	.2	.1	.1								.9	3.0
S	.3	.1	.0	.1								.6	3.3
SSW	.2	.1	.1	.0								.5	3.0
SW	.6	.3	.3	.1								1.2	3.0
WSW	.6	1.0	.8	.1								2.5	3.7
W	1.6	3.8	3.0	.1								8.6	3.7
WNW	1.7	4.2	3.9	.7	.0							18.4	3.3
NW	2.9	7.8	8.6	3.5	.3	.0						22.7	3.3
NNW	3.2	5.0	4.3	2.0	.4	.0						14.9	3.9
VARBL													
CALA												19.5	
	22.7	27.4	22.6	7.0	.7	.0						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

10931

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

72030
STATION

WANDENBERG AFB CA

STATION NAME

63-84

YEARS

067
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	2.1	1.3	.6	.1							6.1	8.7
NNE	1.1	.7	.5	.3	.0							2.6	6.2
NE	.6	.3	.1	.0	.0							1.8	6.0
ENE	.7	.3	.1									1.1	6.0
E	3.1	2.3	.2									6.7	3.5
ESE	3.3	4.2	1.5	.0								9.1	6.0
SE	1.9	1.9	.5	.1	.1							4.6	6.6
SSE	.6	.5	.2	.1	.0							1.3	6.7
S	.5	.4	.4	.2								1.4	6.8
SSW	.3	.2	.2	.1								.9	6.9
SW	.4	.5	.4	.1								1.4	6.7
WSW	.5	1.1	1.0	.2								2.7	6.3
W	1.2	3.6	2.3	.2								7.2	6.7
WNW	1.4	3.3	2.7	.6	.1	.0						4.1	6.3
NW	1.8	5.0	3.9	3.4	.6	.0						16.9	8.1
NNW	2.0	3.9	3.5	2.9	.5	.3						12.9	7.9
VARBL													
CALM												16.8	
	21.7	30.4	20.9	8.8	1.4	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

10793

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

720030
STATION

VANDENBERG AFB CA

STATION NAME

63-84

YEARS

NOV
MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.3	2.1	.9	.1							7.2	6.9
NNE	1.1	1.3	.8	.4	.0							3.7	6.9
NE	.8	.6	.3	.1								1.9	6.9
ENE	.6	.3	.1									1.4	3.4
E	3.1	3.3	.4	.1	.0							7.1	3.9
ESE	3.3	6.7	2.4	.3	.1	.0						13.1	6.1
SE	2.1	2.8	1.3	1.2	.4	.2						8.2	6.1
SSE	.4	.5	.8	.6	.1	.0						2.9	6.3
S	.4	.4	.8	.4	.1							2.0	8.1
SSW	.4	.3	.3	.2	.0							1.2	6.3
SW	.3	.6	.5	.1								1.6	6.1
WSW	.4	.8	.8	.1								2.1	6.3
W	1.3	2.4	1.4	.1								5.2	5.2
WNW	1.3	2.3	1.6	.4	.0	.0	.0					5.7	6.1
NW	1.4	3.6	6.7	3.1	.3	.0	.0					13.2	8.2
NNW	1.4	3.0	4.3	2.9	.2	.0						11.8	6.1
VARBL													
CALM												12.3	
	20.6	31.9	22.7	10.9	1.4	.3	.0					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

10289

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA
STATION NAME

63-84
YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.R.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.2	3.1	1.5	.1							9.7	7.0
NNE	1.4	2.0	1.4	.8	.1	.0						5.7	6.9
NE	1.2	1.1	.6	.2	.0	.0						3.8	5.3
ENE	1.2	.8	.1	.0								2.1	5.5
E	3.0	4.0	.8	.0								7.8	4.2
ESE	3.5	8.5	2.5	.4	.1	.0						15.0	5.2
SE	1.7	2.8	1.5	1.4	.6	.2	.0					8.2	1.9
SSE	.4	.6	.5	.4	.2	.0	.0					2.1	4.3
S	.4	.4	.5	.3	.0							1.6	1.0
SSW	.3	.2	.3	.3	.1	.0						1.2	4.1
SW	.3	.4	.4	.1	.0							1.3	6.4
WSW	.4	.9	.5	.1	.0							1.9	5.5
W	1.2	2.2	.7	.1	.0							4.2	4.9
WNW	1.0	1.6	.9	.3	.0							3.7	5.5
NW	1.3	2.8	3.5	2.2	.2	.0						10.0	7.9
NNW	1.4	2.9	4.2	3.2	.4	.0						12.1	8.6
VARBL													
CALM												10.3	
	20.6	34.3	21.3	11.2	1.8	.4	.0					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

10714

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDERBERG AFB CA

STATION NAME

63-84

YEARS

ALL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	2.4	1.7	.8	.1	.0						7.2	6.0
NNE	1.1	.9	.5	.3	.0	.0						2.6	5.3
NE	.7	.4	.2	.0	.0	.0						1.4	4.1
ENE	.6	.3	.0	.0	.0	.0						1.0	3.2
E	1.0	1.0	.3	.0	.0							4.1	3.8
ESE	2.1	3.6	1.2	.2	.1	.0						7.0	4.9
SE	1.3	1.5	.6	.6	.2	.1	.0					4.4	6.9
SSE	.0	.3	.3	.3	.1	.0	.0					1.5	1.5
S	.4	.3	.4	.2	.0	.0						1.3	7.1
SSW	.3	.2	.2	.1	.0	.0	.0					.8	6.3
SW	.4	.4	.3	.1	.0							1.2	5.8
WSW	.5	.9	.7	.1	.0							2.2	5.8
W	1.4	3.0	2.2	.2	.0							6.8	5.6
WNW	1.4	3.3	3.3	.8	.1	.0	.0					8.9	6.6
NW	2.2	5.3	7.6	4.4	.7	.1	.0					20.2	8.3
NNW	2.2	4.4	5.3	3.9	.7	.1	.0					16.7	8.4
VARBL													
CALM												12.5	
	19.0	29.0	25.0	12.2	2.0	.3	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

123913

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFS CA

STATION NAME

64-73

YEARS

JAN
MONTH

ALL WEATHER

CLAS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.6	2.3	.5								7.2	5.8
NNE	1.2	2.7	2.2	1.2								7.2	6.8
NE	1.4	1.7	.5	.1								3.8	6.4
ENE	1.8	.9	.1									2.8	3.3
E	4.3	9.3	1.9									15.5	6.5
ESE	6.2	16.3	3.9	.5								26.9	5.0
SE	2.9	4.1	2.3	1.1	1.1	.2						11.6	7.3
SSE	.4	1.0	.6	.4	.2							2.7	7.7
S	.5	.5	.1	.6	.8							2.0	12.8
SSW	.2	.2	.4									.9	5.9
SW		.1		.1								.2	8.0
WSW	.3	.2	.2									.8	4.7
W	.2	.4		.3								1.0	6.8
WNW	.2	.1	.2	.1	.1							.6	7.5
NW	.3	.8	.6	.1								1.8	6.2
NNW	.6	1.0	2.6	.9	.1							5.2	7.8
VARBL													
CALM												9.8	
	22.1	41.8	18.0	5.9	2.3	.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
723930

STATION NAME
VANDENBERG AFB CA

YEARS
64-73,78

MONTH
JAN

ALL WEATHER
CLASS

0300-0600
HOURS (L.R.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.3	2.6	1.0								6.0	6.5
NNE	1.5	2.6	1.3	1.0								6.3	6.1
NE	1.2	1.3	.5	.5								3.5	3.6
ENE	1.9	1.8	.1									3.9	3.6
E	4.0	6.1	.5									10.6	3.9
ESE	5.0	18.9	5.7	.1								29.7	5.1
SE	3.0	6.3	2.5	1.5	1.2							14.5	6.9
SSE	.6	1.0	.8	.2	.3							2.9	7.1
S	.1	.4	.5	.3	.1	.5						2.0	13.2
SSW	.4				.1							.5	5.8
SW		.2	.2	.1								.5	7.6
WSW		.1										.1	4.0
W	.4	.2	.2	.1								1.0	5.3
WNW	.1	.4	.3									.9	6.3
NW	.3	.6	.4	.2								1.6	6.6
NNW	.9	1.2	1.6	1.1	.2							4.9	7.9
VARBL												8.9	
CALM													
	20.7	44.5	17.3	6.1	1.9	.5						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723030 VANDENBERG AFB CA

64-84

JAN

MONTH

0600-0800
HOURS (L.S.T.)

YEARS

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.5	2.9	.8	.1							7.9	6.6
NNE	1.2	2.8	1.1	.6								5.7	5.9
NE	1.2	1.2	.7	.2								3.3	4.9
ENE	.8	1.2	.1									2.0	4.0
E	5.0	6.4	1.3									14.7	4.1
ESE	5.2	17.1	7.1	.2	.1							29.7	5.3
SE	3.1	5.2	2.8	1.7	.8	.2						13.8	7.4
SSE	.3	.6	.5	.4	.2	.1						2.1	8.6
S	.3	.5	.2			.1						1.0	6.2
SSW	.1	.2	.2	.1	.2	.1	.1					.9	12.4
SW	.2	.1	.2	.1								.5	5.4
WSW		.1	.2									.2	7.0
W	.2	.2	.2	.2								.7	6.8
WNW	.3	.2	.1	.1	.1							.8	6.2
NW	.2	.7	.9	.3	.2							2.3	8.0
NNW	.8	2.4	1.7	.5	.1							5.5	6.4
VARBL													
CALM												8.9	
	20.6	43.2	20.0	5.1	1.6	.5	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

1258

GLOBAL CLIMATOLOGY BRANCH
JSAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930

VANDENBERG AFB CA

STATION NAME

4-1-50

58495

1A

MONTH

ALL LITHE

CLASS

97-1-169

NOV 15 1980

CONCLUSION

SPEED (KNTS) DIR.	TIME										MEAN WIND SPEED	
	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55		≥56
N	2.3	2.5	4.4	2.2	.2	.1						11.8
NNE	.8	1.3	2.1	.8								5.1
NE	1.3	.9		.1								.5
ENE	1.0	.8	.1									1.9
E	3.3	4.1	.9									3.2
ESE	4.9	9.5	3.9	.4	.2							18.7
SE	2.7	5.4	3.3	2.2	1.3	.1						14.8
SSE	1.5	.8	.9	1.2	.4							4.6
S	.9	.5	.6	.6	.1							7.6
SSW	.5	.5	.2	.2								1.7
SW	.4	.4	.1	.1								1.1
WSW	.6	.1	.4	.1								.9
W	.9	.9	.3	.2	.1							1.1
WNW	.3	.5	.5	.1	.1							2.3
NW	.6	1.1	2.3	.8								2.1
NNW	1.6	2.1	3.0	1.5								4.9
VARBL												2.3
CALM												
	24.7	31.4	23.7	10.3	2.4							

TOTAL NUMBER OF OBSERVATIONS

22

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION

723930 VANDENBERG AFB CA

64-84

YEARS

MONTH

JAN

STATION NAME

ALL WEATHER

CLASS

100-1400

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.6	2.0	2.5	.3							6.9	9.0
NNE	.2	.4	.5	.4	.1							1.7	9.1
NE	.1	.2	.1									.4	5.0
ENE	.2	.2	.2									.6	4.8
E	.3	.1		.1								.4	4.9
ESE	.5	.8	.3	.7	.2	.1						2.5	9.1
SE	.5	.6	.8	2.2	1.1	.4	.1					5.6	12.9
SSE	.3	.4	1.2	.9	.4							3.2	10.0
S	.5	.6	.9	1.2	.2							3.6	9.3
SSW	.3	.9	.7	.4	.1							2.3	7.1
SW	1.2	.8	.9	.2								3.2	5.5
WSW	.9	3.9	1.3	.2								6.8	5.6
W	3.0	6.3	2.3	.5	.1							12.1	5.3
WNW	2.3	5.7	2.6	.5								11.2	5.5
NW	1.9	5.9	3.7	4.4	.4							21.2	8.1
NNW	1.2	2.1	5.3	5.6	.4	.1						14.7	9.7
VARBL													
CALM												3.6	
	14.0	30.4	28.3	19.8	3.3	.5	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

1706

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930

VANDENBERG AFB CA

STATION NAME

64-54

YEARS

JAN

MONTH

1500-1700

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.1	1.9	1.7	.1	.1						6.2	7.8
NNE	.5	.5	.4	.6								1.9	7.8
NE	.1	.2	.1	.1								.4	6.6
ENE	.1	.1										.1	6.0
E	.1	.1	.1									.2	6.3
ESE	.1	.2	.5	.6	.4	.2						2.1	12.7
SE	.1	.4	1.5	1.9	.6	.2						4.8	12.3
SSE	.1	.6	1.1	1.1	.1							2.9	10.2
S	.4	.6	1.2	.8	.2							3.2	9.1
SSW	.1	.4	.8	.4								1.8	8.2
SW	.4	.9	1.4	.5								3.2	7.3
WSW	.9	1.7	1.0	.1								3.7	5.1
W	1.9	5.3	1.1	.2								8.5	9.9
WNW	2.7	4.1	2.1	.6								9.5	5.3
NW	2.9	8.6	8.0	4.1	.7							24.3	7.5
NNW	2.4	5.1	7.6	6.8	.6	.1						22.5	8.8
VARBL													
CALM												4.7	
	14.1	29.9	28.6	19.4	2.8	.6						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

1695

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723030
STATION

VANDENBERG AFB CA

STATION NAME

64-75,79-84

YEARS

JAN
MONTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	5.0	4.4	1.3								13.9	6.2
NNE	1.9	1.8	1.3	.6								5.7	5.6
NE	1.3	.7	.4	.2								2.6	4.7
ENE	1.3	.4	.3									1.9	3.2
E	2.8	2.2	.4									5.8	3.4
ESE	3.8	2.6	.5	.2	.1							6.9	4.0
SE	2.0	2.1	1.8	2.2	.4	.4						8.8	8.3
SSE	.7	.7	.4	1.1	.3							3.2	9.1
S	.7	.2	.7	.2								1.8	6.1
SSW	.4	.2	.2	.2	.1							.8	8.0
SW	.4	.4	.3	.1								1.1	5.3
WSW	.1	.5	.4	.1								1.1	6.5
W	.7	.6	.1									1.4	3.7
WNW	1.1	.5	.2									1.8	3.5
NW	2.5	2.5	2.1	.6								7.7	5.7
NNW	2.2	5.8	5.7	2.8	.2							16.7	7.3
VARBL													
CALM												19.3	
	25.0	25.8	19.2	9.5	1.0	.4						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

1137

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

123930
STATION

VANDENBERG AFB CA

STATION NAME

64-75

YEARS

JAN

MONTH

ALL WEATHER

CLASS

2100-2300

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	3.1	3.6	1.1	.1							18.4	6.9
NNE	1.7	3.3	2.0	.6								7.7	5.8
NE	1.5	1.3	.6	.2								3.6	4.5
ENE	1.8	1.0	.2									3.6	3.3
E	5.1	5.3	.8									11.2	3.8
ESE	5.1	11.7	2.2	.5	.1							19.5	4.9
SE	2.9	5.6	1.0	1.8	.6	.3						12.3	7.0
SSE	1.1	.6	.8	.8	.3							3.6	6.1
S	.4	.5	.5	.7	.1	.3						2.4	19.6
SSW			.2	.5	.1							.7	13.0
SW	.3	.4	.1									.7	4.9
WSW	.1	.2	.1									.4	5.0
W	.2	.1	.1									.4	4.0
WNW	.3	.3										.6	3.8
NW	.7	1.3	1.0	.2								3.8	5.8
NNW	.9	2.0	3.5	1.2	.1							7.7	7.5
VARBL													
CALM												12.7	
	24.5	36.5	16.7	7.6	1.4	.6						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

1089

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA
STATION NAME

64-73
YEARS

ALL WEATHER
CLASS

FEB
MONTH

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	0.2	2.0	.1								9.7	5.2
NNE	1.8	3.1	1.5	.5								6.8	6.3
NE	.9	2.0	.5	.2								3.7	6.6
ENE	1.4	1.5	.2									3.2	3.9
E	0.6	6.9	.7									12.8	3.8
ESE	0.8	16.4	4.1	.2	.1							23.7	6.0
SE	3.5	3.4	2.4	1.8	.5							13.5	6.4
SSE	.5	.8	.4	.6	.1	.2						2.6	8.7
S	.9	.5	.4	.1	.2							2.1	6.1
SSW	.5		.5	.2								1.2	6.4
SW		.1		.1								.2	8.0
WSW		.2										.2	5.0
W		.5		.1								.6	5.8
WNW		.1	.5	.2								.8	9.4
NW	.5	.7	1.2	.6								2.9	7.6
NNW	.7	2.8	3.2	1.4								8.1	7.7
VARBL													
CALM												10.4	
	22.6	41.3	16.3	6.2	.9	.2						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723030
STATION

VANDENBERG AFB CA
STATION NAME

64-73, 81, 84

YEARS

FEB
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	0.1	2.3	.9								9.6	5.7
NNE	1.3	1.6	.9	.4								6.3	5.1
NE	1.1	1.4	.1	.2								2.0	4.3
ENE	1.2	1.8		.1								3.6	3.9
E	1.3	1.5	1.3									16.8	4.2
ESE	0.2	1.5	0.6	.4								13.8	5.1
SE	2.3	3.9	1.6	1.9	.5	.1						16.3	7.2
SSE	.5	.7	.7	.7	.2							2.8	6.7
S	.1	.4	.1	.1								.7	6.8
SSW	.1	.1	.1	.2								.6	7.0
SW	.1			.2								.9	9.0
WSW	.2	.2	.2	.1								.8	6.7
W	.6	.7	.1									1.4	9.1
WNW	.4	.8	.1									1.3	9.5
NW	.6	1.4	.2	.6								2.8	6.0
NNW	.5	1.8	3.8	.9								6.9	7.7
VARBL													
CALM												13.1	
	28.6	44.3	16.3	6.8	.7	.1						108.0	4.9

TOTAL NUMBER OF OBSERVATIONS

853

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723030

STATION NAME
VANDENBERG AFB CA

64-84

YEARS

FEB

MOUTH

ALL WEATHER

CLASS

0600-0900

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.7	3.2	1.1	.1							10.1	6.9
NNE	.9	2.8	1.6	.9								6.3	6.9
NE	2.4	1.6	.6									4.1	3.5
ENE	1.1	1.6	.1									2.8	3.9
E	3.9	9.1	1.3									14.2	6.6
ESE	5.1	16.1	6.3	.3	.3							24.3	5.6
SE	6.0	8.7	1.8	1.3								11.9	5.6
SSE	.7	.8	.3	.1	.2							2.9	6.2
S	.3	.3	.3	.3	.3							1.9	16.1
SSW	.2											.2	8.8
SW	.1	.2	.3	.1								.6	6.9
WSW	.1	.1	.2	.2								.5	8.7
W	.3	.3	.2									.8	4.6
WNW	.3	.4	.1									.8	4.2
NW	.3	1.1	.6	.6								2.5	7.1
NNW	.7	1.4	1.9	.8	.1							4.8	7.2
VARBL													
CALM												10.3	
	22.4	41.8	18.7	5.9	.8							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

1101

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930 STATION NAME
VANDEMOERS AFB CA

64-84

FEB

ALL WEATHER
CLASS

0900-2100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.0	4.1	3.0	.2							12.7	3.0
NNE	1.1	.7	1.5	1.4	.3							5.0	4.5
NE	.5	.6	.3	.1	.1							1.2	5.5
ENE	.7	.7										1.0	3.0
E	2.0	2.7	.8	.1								6.0	4.2
ESE	2.7	6.5	2.2	.7	.3							12.3	8.6
SE	1.7	3.6	3.0	1.9	.3	.1						10.0	7.6
SSE	1.2	1.0	1.1	.8	.3							4.2	1.2
S	1.0	.8	1.2	.5	.1	.1						3.6	7.1
SSW	.6	.6	.1	.2								1.5	5.3
SW	.4	1.0	.3	.1								1.7	8.2
WSW	.6	1.1	.6	.1	.1							2.4	8.5
W	1.0	2.1	.8	.3								4.2	8.2
WNW	1.1	1.5	1.4	.2	.1							4.2	6.0
NW	1.0	2.2	2.3	1.4	.3							7.1	8.6
NNW	.8	2.2	3.9	4.2	.1	.1						11.3	9.5
VARBL													
CALM												10.4	
	19.0	30.2	23.3	14.7	1.9	.4						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

1555

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930 STATION **VANDENBERG AFB CA** STATION NAME **64-84** MONTH **FEB**
1206-1400 HOURS (L.S.T.)

ALL WEATHER
CLEAR

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.3	1.8	1.2	.4	.1						4.1	10.8
NNE	.2	.1	.2	.8	.1							1.9	11.1
NE	.1	.1	.1	.1								.4	8.7
ENE	.1	.2		.1		.1						.3	8.1
E	.1	.2	.1	.1								.5	7.3
ESE	.1	.2	.6	.1	.3	.1						1.9	11.1
SE	.1	.3	1.1	2.5	.6	.1						4.8	18.5
SSE	.3	.3	.9	1.6	.3	.1						3.3	12.3
S	.5	.5	.7	1.2	.1	.1						2.7	11.4
SSW	.1	.6	.3	.6								1.6	8.3
SW		1.3	1.6	.7								3.6	8.2
WSW	.5	2.7	2.2	.6								6.0	6.8
W	1.6	7.2	8.8	.6	.1							14.3	6.1
WNW	.6	6.7	8.9	1.6	.3							14.8	7.2
NW	1.0	5.2	9.4	7.2	1.4	.1						24.4	9.6
NNW	.4	1.9	3.9	7.1	1.5	.3						15.1	11.5
VARBL													
CALM												2.1	
	5.6	27.9	32.4	26.1	5.0	.8						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 1597

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 723930 VANDENBERG AFB CA STATION NAME 64-84 MONTH FEB
1500-1700 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.8	.5	1.4	.1	.1						3.2	10.1
NNE	.4	.1	.3	.4	.1							1.3	6.4
NE	.1	.2	.1	.1								.5	6.1
ENE	.1				.1							.2	8.0
E		.3	.1	.2								.6	8.2
ESE	.1	.4	.8	.8								1.8	8.3
SE	.2	.3	1.0	1.9	.6	.1						4.2	18.2
SSE	.1	.1	.8	1.8	.1	.1						3.0	15.0
S	.1	.6	1.0	.8								2.8	9.1
SSW	.1	.5	.9	.3	.1							1.8	8.7
SW	.1	.8	1.2	.1								2.1	7.6
WSW	.6	1.4	1.3	.1								3.5	6.2
W	1.3	4.3	2.5	.1								8.2	8.7
WNW	1.4	5.1	5.3	1.2	.1							13.1	6.9
NW	1.7	6.6	11.2	7.5	1.6							28.6	9.2
NNW	1.6	3.9	6.0	10.4	2.3	.3						24.3	10.8
VARBL													
CALM												1.0	
	8.1	25.4	33.2	26.9	9.9	.6						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

1591

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723938
STATION

VANDENBERG AFB CA
STATION NAME

66-75,80-84
YEARS

FEB
MONTH

1000-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	4.7	2.0	.8								10.0	5.6
NNE	2.0	.8	.6	.5	.1							4.0	5.6
NE	.6	.7	.2									1.5	4.2
ENE	.6	.2										.8	3.8
E	2.0	1.2	.2									3.4	3.5
ESE	2.6	1.5	.2	.1								4.0	3.5
SE	1.1	2.0	1.7	2.2	.2							7.2	8.2
SSE	.8	1.3	.8	.8	.1							3.9	7.5
S	.8	.7	.3		.2							2.1	5.9
SSW	.1	.3		.1								.5	5.8
SW	.3	.3	.1	.1								.8	4.9
WSW	.4	.1										.5	3.2
W	1.3	1.1	.1	.1								2.7	3.9
WNW	1.5	1.2	.5									3.3	4.0
NW	3.1	3.5	4.6	2.2								13.4	6.7
NNW	2.4	3.7	8.4	4.9	.8	.1						22.3	8.4
VARL													
CALM												19.2	
	22.1	25.5	19.8	11.8	1.4	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

973

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 123030 VANDENBERG AFB CA STATION NAME 69-74,77 YEARS FEB MONTH

2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	5.2	3.6	.6								11.1	6.0
NNE	1.9	2.8	1.3	.8								6.7	3.5
NE	1.0	1.3	.3									2.6	0.5
ENE	1.8	.7										2.4	2.8
E	4.9	6.8	.6									12.3	3.7
ESE	5.2	8.3	1.7	.1								15.3	4.3
SE	2.2	3.2	2.3	1.8	.3							9.8	1.0
SSE	.9	1.0	.6	.1	.1							2.6	3.7
S	.4	.7	1.0	.4	.1	.2						2.8	8.3
SSW		.1	.2		.1							.8	10.3
SW	.2		.1									.3	3.7
WSW	.1		.1									.2	4.5
W	.3	.4	.3									1.1	5.3
WNW	.2	.2	.8	.1								1.3	7.4
NW	.6	1.3	2.0	.6								4.4	1.2
NNW	1.1	0.6	3.1	2.2	.2							11.3	7.6
VARBL													
CALM												15.1	
	22.6	36.6	18.0	6.6	.8	.2						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS

906

GLOBAL CLIMATOLOGY BRANCH
JSAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723030
STATION

VANDENBERG AFB CA
STATION NAME

64-74.78
YEARS

MAR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.1	5.1	4.0	.7								13.9	5.5
NNE	2.0	2.5	.7	.1								5.3	4.5
NE	2.1	1.2	.1									3.4	3.2
ENE	2.1	1.5	.2									3.8	3.0
E	4.4	4.4	.1									6.9	3.0
ESE	3.3	5.3	1.9	.3								10.9	4.8
SE	2.1	1.9	.2	.5								4.8	4.6
SSE	1.0	.5		.1								1.6	3.9
S	.7	.4	.4	.3	.2							2.1	7.1
SSW	.3	.1	.3	.2								1.0	6.7
SW	.3		.1	.1								.5	5.0
WSW	.3	.7	.1									1.2	4.9
W	.9	1.0	.3									2.1	4.6
WNW	1.0		.3									1.3	3.3
NW	1.2	2.0	2.0	.6	.3							6.2	7.2
NNW	1.9	4.8	6.3	3.1	.3							16.5	7.8
VARBL													
CALM												16.5	
	27.8	31.5	17.2	6.2	.9							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

936

GLOBAL CLIMATOLOGY BRANCH
JSAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA
STATION NAME

64-73,78,82,84
YEARS

MAR
MONTH

0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	4.8	5.0	.2								12.4	5.9
NNE	2.1	3.8	1.0	.3								7.2	4.9
NE	2.4	1.7	.3	.2								4.7	3.8
ENE	1.3	.5										1.8	2.8
E	4.8	5.1	.2									10.1	3.5
ESE	4.3	8.7	1.9	.2	.2							15.3	4.9
SE	2.9	2.2	.3	.1								5.5	3.7
SSE	.6	.7	.3	.5	.1							2.3	7.0
S	1.1	.2	.5									1.8	4.1
SSW	.2		.3	.2								.7	7.0
SW	.3	.3										.6	3.8
WSW	.1	.2										.3	3.7
W	.4	.4	.3									1.2	4.5
WNW	1.2	.9	.2	.2								2.4	4.7
NW	.7	1.5	2.3	.6	.1							5.3	7.1
NNW	1.3	2.8	4.6	1.9	.7							11.3	8.3
VARBL													
CALM												16.8	
	26.2	33.9	17.3	4.6	1.2							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

940

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA

STATION NAME

64-84

YEARS

MAR
MONTH

0600-0800
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	5.8	4.1	1.8								14.4	6.4
NNE	2.0	2.7	1.5	.2	.1							6.6	5.3
NE	1.9	1.2	.3	.1								3.5	4.0
ENE	1.4	.5										1.9	2.9
E	4.4	4.2	.8									9.4	3.7
ESE	4.4	8.2	3.3	.4								16.4	5.1
SE	2.6	3.8	1.7	.7		.1						8.9	5.6
SSE	.5	.8	.3	.4	.3	.1						2.4	7.8
S	.9	.3	.4	.2								1.9	5.9
SSW	.1	.3	.1									.5	4.0
SW	.5	.1										.7	3.0
WSW	.1											.1	2.0
W	.7	.3	.3	.1								1.5	5.5
WNW	.3	.6	.3	.1								1.3	5.6
NW	.5	1.4	1.3	.7	.1	.1						4.2	7.8
NNW	1.5	2.9	4.3	1.9	.1	.1						10.8	7.8
VARB													
CALM												15.7	
	24.6	33.3	18.8	6.8	.7	.3						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

1347

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930

VANDENBERG AFB CA

STATION

STATION NAME

64-84

YEARS

MAR

MONTH

ALL WEATHER

CLASS

0900-1100

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.5	3.7	2.7	.3	.1						10.6	8.1
NNE	.3	.9	1.5	1.1	.1							3.8	9.1
NE	.5	.7	.3									1.5	4.7
ENE	.4	.2	.2									.8	9.4
E	1.2	.9	.2									2.3	3.6
ESE	1.7	2.0	1.4	.5	.1							5.6	5.9
SE	1.3	1.7	1.4	1.5	.1	.2						6.3	8.2
SSE	.6	.5	.6	1.0	.3							2.9	9.6
S	1.1	1.0	.3	.9	.1							3.3	6.8
SSW	.6	.3	.6	.1								1.6	5.9
SW	.7	1.1	.3	.2								2.4	5.0
WSW	.7	1.5	1.0	.1								3.4	5.7
W	1.7	3.0	1.4	.2								6.3	5.2
WNW	1.3	3.1	2.2	.5								7.1	6.1
NW	1.2	3.9	5.5	6.0	.4							17.0	9.1
NNW	1.4	2.6	5.9	6.3	.9	.2	.1					17.4	18.1
VARBL													
CALM												7.7	
	16.0	25.8	26.6	21.1	2.2	.5	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

1749

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA
STATION NAME

64-84
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	.7	.6	.4							2.2	10.7
NNE	.1	.1		.2								.6	9.6
NE	.1											.1	2.0
ENE													
E		.1										.1	4.5
ESE	.1	.1	.1	.1	.1							.8	9.4
SE	.1	.2	1.4	1.8	.5	.2						9.1	12.3
SSE	.1	.2	.3	1.3	.4							2.3	10.9
S	.1	.2	.9	.9	.1							2.4	10.7
SSW	.1	.2	.4	.6	.1							1.4	11.1
SW	.3	.7	1.1	.9	.1							3.1	8.8
WSW	.2	1.6	3.3	.6								5.6	7.9
W	1.0	4.8	6.3	.7	.1							12.8	6.8
WNW	1.0	4.2	7.6	3.0								15.8	8.0
NW	.4	2.2	10.9	15.7	3.0	.6						32.7	11.8
NNW	.3	1.0	3.0	8.1	2.6	.8	.1					15.9	13.4
VARBL													
CALM												.8	
	3.9	15.9	36.1	34.3	7.3	1.6	.1					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS

1738

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA

STATION NAME

64-84

YEARS

MAR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.5	.3	.6	.2							2.0	9.0
NNE	.2	.1	.1	.1	.1							.5	0.8
NE													
ENE													
E		.1		.1								.1	0.0
ESE	.1	.2	.1	.2	.1							.6	1.1
SE	.1	.2	.6	1.7	.2	.1						2.0	1.2
SSE	.2		.5	1.1	.3	.1						2.1	1.4
S	.1	.2	.8	1.4	.2							2.6	1.6
SSW	.1	.3	.4	.3								1.2	0.5
SW	.2	.6	1.2	.3	.1							2.8	0.9
WSW	.1	1.6	1.3	.3								3.2	1.2
W	.8	4.2	3.4	.4	.1							8.8	0.5
WNW	.8	4.3	6.1	2.1	.3							13.8	0.1
NW	.6	4.5	11.6	12.5	4.2	.4						33.9	1.3
NNW	.6	1.8	4.2	12.3	4.6	1.3						25.0	1.5
VARBL													
CALM												1.0	
	4.3	18.6	30.5	33.4	10.3	1.8						100.0	10.6

TOTAL NUMBER OF OBSERVATIONS

1731

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA

STATION NAME

64-76, 78, 80-84

YEARS

MAR

MONTH

1800-2000
HOURS (L.R.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	2.6	2.8	1.5								9.9	6.2
NNE	1.2	.8	.4									2.8	3.9
NE	.6		.1									.8	3.0
ENE	.6											.6	2.0
E	1.0	.2	.2	.1								1.5	3.9
ESE	.6	1.1	.3	.3								2.2	6.6
SE	.3	.6	.7	.1								1.7	6.5
SSE	.1	.2	.7	.7								1.8	10.1
S	.3	.5	.7	.3								1.8	9.7
SSW	.1	.8	.6	.7								2.2	8.4
SW	.2	.4	.6									1.2	6.2
WSW		.6	.2									.7	5.3
W	1.8	1.3	.5									3.5	9.0
WNW	.7	2.5	1.3	.2								4.7	9.8
NW	3.2	7.5	7.5	3.3	.8							22.4	7.5
NNW	1.7	6.8	11.2	10.0	1.1	.5						31.3	9.5
VARBL													
CALM												11.4	
	15.3	25.8	27.8	17.3	1.9	.5						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

1078

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA
STATION NAME

64-74,70,32,84
YEARS

MAR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	0.0	0.2	1.2	.2							12.9	6.2
NNE	2.1	1.5	1.1	.1								4.8	6.6
NE	1.9	.2	.1	.1								2.3	1.4
ENE	1.6	.3										1.9	2.3
E	6.2	3.6	.3									7.9	3.5
ESE	2.6	4.0	.6									7.6	9.1
SE	1.7	1.3	.3	.1		.1						3.5	6.5
SSE	.9	.4		.6								1.9	6.8
S	.1	.6	1.1	.3								2.1	3.6
SSW	.1	.5	.2	.6								1.6	6.7
SW	.3	.6										.9	6.1
WSW	.3	.2										.5	3.0
W	.6	.8	.2									1.6	6.6
WNW	.7	.7	.5	.1								2.0	3.3
NW	2.0	4.1	4.5	1.2	.4							12.2	7.1
NNW	2.3	5.0	7.5	4.1	.6	.1						19.5	8.1
VARBL													
CALM												17.1	
	23.9	26.7	20.5	8.9	1.2	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

1009

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930

STATION NAME
VANDEMBERG AFB CA

64-73,82-83

YEARS

APR

NORTH

ALL WEATHER
CLASS

0800-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	4.8	2.9	.7								11.6	5.1
NNE	1.8	1.0	.7									3.8	0.0
NE	1.9	.4	.1									2.4	2.8
ENE	.7	.4	.3									1.4	0.2
E	3.3	2.4	.2									6.8	3.1
ESE	4.3	4.8	1.0	.1								10.2	4.1
SE	2.0	1.3	.4	.1	.1							4.0	0.9
SSE	.8	.6										1.3	2.2
S	.4	.4	.1									1.0	0.3
SSW	.6	.3	.1									1.0	0.1
SW	.4	.4	.1									.6	0.4
WSW	.6	.2	.2									1.0	0.0
W	.8	.4										1.2	1.2
WNW	1.1	.4	.9	.1								2.5	5.3
NW	1.5	2.7	2.5	1.4								8.2	6.7
NNW	3.9	5.6	8.6	5.1	.1							23.3	7.6
VARBL													
CALM												20.8	
	26.9	26.3	18.3	7.5	.2							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

904

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723920

VANDENBERG AFB CA

64-73,82-83

APR

YEARS

MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.3	5.5	3.5	.9	.1							19.9	1.6
NNE	1.6	3.1	.3	.1								5.1	0.2
NE	1.4	.8										2.2	0.1
ENE	.9	.6										1.4	0.0
E	3.7	3.2	.2									7.1	0.5
ESE	5.5	6.3	1.4	.1								13.0	0.2
SE	2.7	2.5	.4	.1								5.8	0.0
SSE	.9	.6	.1									1.6	0.0
S	1.0	.2	.1									1.3	0.1
SSW			.1									.1	0.0
SW	.2	.3										.6	0.6
WSW	.3	.3										.7	0.3
W	.3	.3	.2									.9	0.1
WNW	.9	.9	.4									2.2	0.2
NW	1.9	2.7	2.2	.7								7.6	0.9
NNW	3.1	4.9	5.4	3.2	.2							16.9	7.3
VARBL													
CALM												19.0	
	28.7	32.3	14.6	5.1	.3							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

902

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

123930
STATION

VANDENBERG AFB CA

STATION NAME

64-84

YEARS

APR
MONTH

ALL WEATHER
CLASS

0600-0000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	5.0	3.9	2.3	.2							15.5	0.0
NNE	1.9	2.2	.6	.2								0.0	0.0
NE	1.0	.9	.2									2.0	0.0
ENE	1.3	.0	.2									2.3	0.0
E	2.0	2.7	.6									5.0	0.0
ESE	3.7	4.3	2.1	.2								10.0	0.0
SE	3.0	2.7	1.4	.2	.1							7.0	0.0
SSE	1.1	.5	.2	.2								1.0	0.0
S	.6	.4	.2	.1								1.0	0.0
SSW	.5	.1										0.5	0.0
SW	.3	.2										.5	0.0
WSW	.5	.2										.5	0.0
W	1.3	.4	.1									.7	0.0
WNW	.5	.8	.6	.2								1.0	0.0
NW	1.7	2.4	2.5	1.4								2.0	0.0
NNW	1.4	3.1	7.7	4.2	.2							8.0	0.0
VARBL												16.7	0.0
CALM												10.3	
	24.9	27.2	20.2	8.9	.5							100.0	0.0

TOTAL NUMBER OF OBSERVATIONS

1319

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

WANDENBERG AFB CA
STATION NAME

64-84
YEARS

APR
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.1	1.9	2.2	.2	.1						6.5	8.1
NNE	.4	.7	.5	.3								1.0	3.2
NE	.4	.2	.3	.1								1.0	3.5
ENE	.3	.2	.1									.8	3.5
E	.2	.3	.1									.7	4.0
ESE	.2	.8	.5	.7	.1							2.6	6.6
SE	.4	1.2	.8	.6		.1						3.0	7.7
SSE	.2	.4	.3	.1								1.0	6.0
S	.7	.6	.3	.3								1.9	8.7
SSW	.2	.4	.1									.7	4.5
SW	.6	.9	.7	.2								2.4	8.0
WSW	.7	2.1	.8	.1								3.7	8.4
W	1.8	5.0	2.4	.1								9.4	13.5
WNW	1.7	4.0	3.4	.9	.1							10.1	6.9
NW	1.6	4.6	12.0	8.7	1.6							28.4	6.7
NNW	.8	3.1	7.1	7.6	1.4	.1						20.1	10.5
VARBL													
CALM												6.4	
	11.1	25.7	31.4	21.7	3.3	.3						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

1679

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723030
STATION

VANDENBERG AFB CA

STATION NAME

64-84

YEARS

APR

MONTH

ALL WEATHER

CLASS

1200-1400

HOURE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3	.4	.5	.1	.1						1.4	10.0
NNE	.1	.1		.1								.2	0.7
NE	.1	.1										.1	0.0
ENE	.1	.1										.1	0.0
E	.1			.1								.2	0.3
ESE	.1		.1	.4	.1	.1						.7	1.0
SE	.1	.3	.5	.2	.1							1.1	0.4
SSE	.2	.2	.3	.2								.8	0.7
S	.1	.1	.8	.2	.1							1.3	0.1
SSW	.1	.1	.4	.1								.8	0.7
SW	.2	.3	.7	.4	.1							1.6	0.5
WSW	.2	.8	3.2	.5								4.7	1.0
W	.2	4.1	6.5	.7								11.6	1.0
WNW	.4	4.8	8.8	4.6	.5							19.1	0.9
NW	.4	4.6	13.0	17.1	4.1	.8						39.9	1.0
NNW		.8	3.3	7.0	3.5	1.3						16.0	1.2
VARBL													
CALM												.5	
	2.1	16.7	37.9	32.0	8.5	2.2						100.0	10.6

TOTAL NUMBER OF OBSERVATIONS

1666

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 723010 WANDENBERG AFB CA STATION NAME WANDENBERG AFB CA YEARS 64-84 MONTH APR

ALL WEATHER CLASS 1500-2100 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	.4	.9	.1	.1						1.9	11.0
NNE	.1			.1								.2	6.3
NE	.1											.1	3.0
ENE		.1										.1	4.0
E	.1		.1									.1	6.0
ESE	.1		.1	.1	.1							.0	6.7
SE		.2	.3	.1								.0	6.1
SSE		.2	.2	.1								.3	11.0
S		.2	.5	.4								1.2	9.1
SSW		.1	.7	.2								1.0	8.7
SW		.3	1.2	.4								1.0	8.9
WSW	.2	1.1	1.3	.1	.1							2.9	7.2
W	.6	4.2	3.2	.4								8.4	6.4
WNW	.5	4.7	5.9	2.7	.2							14.0	8.1
NW	.4	5.4	14.5	15.0	3.7	1.0	.2					40.2	11.3
NNW	.3	2.1	5.7	10.9	5.5	1.6	.1					26.1	13.5
VARBL													
CALM												.5	
	2.5	18.8	34.4	31.4	9.6	2.6	.2					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 1639

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930 STATION NAME VANDENBERG AFB CA 66-75,78-84 YEARS MONTH APR
1800-2000 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.0	2.1	1.5								7.5	0.9
NNE	.4	.3										.7	0.3
NE	.2											.2	0.2
ENE	.1											.1	0.1
E	.3	.3	.2									.6	0.3
ESE	.5	.6	.1									1.2	1.2
SE	.3	.8	.3									1.4	0.3
SSE	.3	.2	.2	.2	.2							1.4	0.4
S	.4	.2	.4	.1								1.1	0.2
SSW	.3	.4	.3	.3								1.1	1.0
SW	.2	.6	.3									1.1	0.2
WSW	.8	.7	.2									1.7	0.9
W	1.8	.9	.8	.1								3.6	0.1
WNW	1.8	2.9	1.4	.3								6.3	0.2
NW	3.7	6.8	10.0	5.6	.5							26.5	7.9
NNW	4.1	8.0	10.4	13.0	1.4	.4						37.3	9.3
VARBL													
CALM												8.4	
	17.0	24.6	26.6	21.0	2.0	.4						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

1025

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

123930
 STATION

VANDENBERG AFB CA
 STATION NAME

64-74, 78-79, 83-84
 YEARS

APR
 MONTH

ALL WEATHER
 CLASS

2100-2300
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	3.0	3.6	1.1	.1							10.4	6.4
NNE	2.5	.7	.5									3.7	3.4
NE	1.1	.4	.2									1.8	3.3
ENE	1.2	.5										1.8	2.8
E	2.2	1.9	.1									4.1	3.5
ESE	1.8	2.9	.5	.2								5.4	4.5
SE	1.0	1.0	.1	.1								2.2	3.7
SSE	.9	.4	.1	.3								1.8	5.9
S	.5	.4	.2									1.1	4.1
SSW	.5	.1	.1									.7	3.6
SW	.5	.3										.8	3.6
WSW	.4	.1	.1									.6	3.2
W	.8	.4	.1	.2								1.5	4.5
WNNW	1.0	.9	.7	.1								2.8	5.4
NW	3.1	3.7	4.3	1.0	.2							12.4	6.6
NNW	3.4	8.2	11.2	5.4	.5	.2						28.9	8.0
VARBL													
CALM												20.0	
	23.6	25.0	21.9	8.2	1.1	.2						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

969

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930

VANDENBERG AFB CA

STATION NAME

64-74,82,84

YEARS

MAY

MONTH

0000-0200

HOURE (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.5	4.8	1.9	.7								11.9	4.9
NNE	2.3	.3	.3									3.0	3.0
NE	1.1	.6										1.7	2.6
ENE	1.4	.1										1.5	2.3
E	2.2	1.1										3.3	3.0
ESE	2.3	2.0	.3									4.7	3.8
SE	1.2	.4										1.6	3.0
SSE	.8	.1										1.0	2.4
S	.6	.3										1.0	3.0
SSW	.4											.4	2.0
SW	.6	.1	.1									.8	3.1
WSW	.8	.2										1.1	2.9
W	1.3	.2										1.5	2.5
WNW	2.3	1.8	.7	.1								5.0	4.3
NW	3.0	6.8	3.7	1.2								14.6	5.8
NNW	4.9	7.4	10.1	2.4								24.8	6.6
VARBL													
CALM												22.3	
	29.8	26.2	17.2	4.4								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

946

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA

STATION NAME

64-74,79,84

YEARS

MAY

MONTH

ALL WEATHER

CLASS

0300-0500

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.3	5.5	2.6	.6								13.1	5.1
NNE	2.2	.6	.1									3.0	2.9
NE	1.1	.6	.2									1.9	1.6
ENE	.8	.2										1.1	2.4
E	3.3	1.8										5.1	3.1
ESE	2.9	1.7	.4									5.0	3.6
SE	2.3	.8										3.2	2.9
SSE	.8	.3										1.2	1.0
S	.3	.1										.4	3.0
SSW	.4											.4	2.3
SW	.8	.1										1.0	2.1
WSW	1.1	.6										1.7	2.9
W	2.0	.5	.1									2.6	2.6
WNW	2.6	.8	.8									4.3	3.8
NW	3.0	4.2	3.5	1.0								11.7	5.6
NNW	4.0	6.7	7.8	2.1								20.7	6.4
VARBL													
CALM												23.7	
	32.1	24.8	15.7	3.7								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

944

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723938
STATION

VANDENBERG AFB CA
STATION NAME

64-84
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0600-0900
HOURS (L.S.T.)

CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	3.0	1.6	.6								9.1	9.9
NNE	2.0	.5	.2	.1								2.8	3.2
NE	.9	.5	.2									1.6	1.9
ENE	.6	.2										.8	2.5
E	1.9	.9	.1									3.0	3.2
ESE	2.3	1.4	.5									4.1	3.6
SE	2.0	.6	.1									2.8	2.9
SSE	.7	.3										.9	2.9
S	1.7	.1										1.8	2.0
SSW	1.0	.1										1.1	2.1
SW	1.2	.5										1.7	3.1
WSW	1.1	.4										1.5	2.6
W	2.7	.9		.1								3.6	2.8
WNW	1.9	1.7	.9	.1								4.6	9.5
NW	4.0	5.1	5.3	1.6	.1							16.1	6.3
NNW	3.5	5.3	8.9	5.2	.1							23.2	7.9
VARBL													
CALM												21.4	
	31.5	21.3	17.8	7.7	.3							100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

1524

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA
STATION NAME

64-84
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.5	.6	.3	.1							2.2	6.7
NNE	.2	.2	.1									.5	4.3
NE	.1		.1	.1								.2	7.3
ENE													
E	.2											.2	2.0
ESE	.2	.1	.1									.4	9.4
SE	.2	.1	.2									.5	5.6
SSE	.2	.2	.2	.1								.6	9.5
S	.3	.1										.4	3.9
SSW	.4	.2										.5	3.2
SW	.5	.7	.2	.1								1.4	9.7
WSW	1.1	2.3	1.4	.1								9.8	1.5
W	3.2	8.8	3.2	.2								15.3	1.2
WNW	2.6	8.6	6.0	1.6	.1	.1						18.9	6.3
NW	2.3	7.2	12.3	8.9	1.7	.3						32.7	9.3
NNW	1.0	2.1	5.8	7.6	.9	.1						17.4	18.5
VARBL													
CALM												3.7	
	12.9	30.9	30.3	18.9	2.8	.5						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

1700

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA
STATION NAME

64-84
YEARS

MMY
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.4	.2	.1							.8	9.6
NNE		.1										.1	5.0
NE	.1											.1	2.0
ENE													
E													
ESE													
SE													
SSE													
S			.3	.2	.1							.2	11.0
SSW			.1									.3	6.0
SW	.1	.4	.5	.1								.1	10.0
WSW	.1	2.0	1.3	.5								1.1	7.2
W	.3	6.6	8.6	.9								3.8	7.0
WNW	.6	6.1	11.9	5.1	.6							16.3	7.1
NW	.5	4.7	14.0	16.1	3.2	.4						24.7	6.0
NNW	.1	.8	3.0	6.4	2.8	.3						38.9	11.2
VARBL												13.4	13.1
CALM												.2	
	1.6	20.9	40.0	29.4	6.7	1.1						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS

1692

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723030
STATION

VANDENBERG AFB CA

STATION NAME

64-84

YEARS

MAY

MONTH

ALL WEATHER

CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.5	.4	.3	.2							1.5	8.9
NNE													
NE													
ENE													
E													
ESE													
SE				.1								.1	11.0
SSE				.1								.1	11.5
S	.1	.1	.2	.2								.8	8.5
SSW			.1									.1	9.0
SW		.2	.2	.3								.7	6.7
WSW	.1	.3	1.2	.2								1.8	7.5
W	.6	4.8	3.3	.3								8.9	6.8
WNW	1.1	6.9	8.3	3.5	.6							20.3	8.0
NW	.5	7.6	18.1	15.4	2.8	.6						94.8	16.3
NNW	.3	2.0	5.2	10.0	3.0	.5						21.1	12.4
VARBL													
CALM												.1	
	2.9	22.3	36.8	30.3	6.6	1.1						100.0	9.8

TOTAL NUMBER OF OBSERVATIONS

1523

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA
STATION NAME

64-75, 78-79, 81, 83-84
YEARS

MAY
MONTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.0	1.0	1.1	.3							7.8	6.7
NNE	1.1	.1	.1									1.3	2.4
NE	.2											.2	2.0
ENE	.1											.1	2.0
E	.1											.1	2.0
ESE	.1	.2										.3	3.3
SE			.1									.1	10.0
SSE	.1	.2	.2									.5	5.6
S	.1	.1	.3									.5	6.6
SSW	.1	.3	.2									.6	5.2
SW	.2	.8	.1									1.0	8.0
WSW	.5	.2	.1									.8	3.6
W	1.0	1.0	.1									2.2	9.0
WNW	2.2	0.3	3.0	.5								10.0	8.0
NW	3.1	12.4	14.2	3.6	.3							33.7	7.1
NNW	4.0	11.6	14.0	7.2	.6							37.0	7.0
VARBL													
CALM												3.9	
	14.7	34.0	33.9	12.4	1.1							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

1054

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA
STATION NAME

64-74,79,84
YEARS

MAY
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.7	3.2	1.9	.6								11.3	9.5
NNE	2.2	.2										2.4	2.2
NE	.9	.3										1.2	2.3
ENE	.8	.2										.7	2.1
E	.9	1.1										2.0	1.4
ESE	.3	.8										1.3	1.6
SE	1.2	.6										1.8	1.7
SSE	.3											.3	2.3
S	.7											.7	2.0
SSW	.4											.4	1.5
SW	.6											.8	2.0
WSW	.5	.4										.9	1.4
W	1.1	.6										1.7	1.0
WNW	1.4	1.9	1.2									4.5	3.8
NW	5.1	8.9	5.2	1.3	.1							20.6	5.6
NNW	4.8	12.0	12.6	3.4	.2							33.0	6.8
VARBL													
CALM												16.9	
	26.4	30.2	20.9	5.3	.3							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

1006

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 723930 VANDENBERG AFB CA STATION NAME 64-73,81 YEAR MONTH JUN
0000-0200 HOUR (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	9.9	1.3	.6								9.8	9.9
NNE	1.6	1.0	.1									2.7	2.8
NE	1.3											1.3	2.0
ENE	1.1											1.1	2.1
E	2.4	.4										2.9	2.5
ESE	2.2	1.1	.2									3.5	3.2
SE	1.6	.4										2.0	2.6
SSE	.3											.3	2.7
S													
SSW	.3	.1										.4	2.3
SW	.7											.7	1.7
WSW	.3											.3	2.3
W	2.2	.1		.1								2.4	2.5
WNW	1.6	1.1	.2	.1								3.0	2.1
NW	4.4	6.9	4.8	.7								16.7	2.0
NNW	7.1	12.0	9.3	2.3								30.7	6.0
VARB													
CALM												22.1	
	30.6	27.6	16.0	3.8								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

902

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

123930
STATION

VANDENBERG AFB CA

61-73.79.83-84

YEARS

MM
NORTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.R.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.6	0.6	1.0	.2								10.9	0.1
NNE	2.6	.8	.2									3.6	0.8
NE	1.3	.2										1.5	2.2
ENE	.7											.7	2.0
E	1.0	1.0										2.4	3.1
ESE	2.2	2.3	.1									4.8	3.5
SE	1.5	.8										2.3	3.7
SSE	1.0	.2										1.7	3.3
S	.6	.1										.7	3.7
SSW	1.4											1.4	3.2
SW	.8											.8	1.7
WSW	.6	.2										.8	3.7
W	1.1	.4	.1									1.7	2.9
WNW	2.1	1.0	.4	.1								3.6	3.9
NW	2.3	6.3	3.5	.3								12.4	5.5
NNW	5.8	9.4	7.9	2.3								25.4	6.1
VARB													
CALM												25.2	
	30.5	27.5	13.8	3.0								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

908

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA

STATION NAME

60-84

YEARS

JUN
MONTH

ALL WEATHER
CLASS

0600-0900
HOURS (L.S.T.)

CONDITION

SPEED (KTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.0	2.9	1.6	.0								0.0	0.0
NNE	2.0	.9		.2								3.1	2.6
NE	.3	.1										.0	2.2
ENE	.0	.1										.5	2.0
E	1.5	.7	.1									2.3	1.1
ESE	1.3	1.1	.1									2.6	2.6
SE	1.2	.6	.1									1.9	1.3
SSE	.6	.1	.1									.0	2.0
S	1.7	.3										1.9	2.5
SSW	.8	.3										1.1	2.5
SW	1.6	.6										2.1	2.5
WSW	1.4	.5										1.9	2.0
W	2.2	1.7	.1									4.0	3.4
WNW	2.3	2.4	.6	.1								5.5	4.2
NW	0.1	3.5	4.4	2.8								16.9	6.5
NNW	5.8	7.4	6.6	3.3	.1							23.2	6.4
VARBL													
CALM												22.2	
	31.6	25.1	13.8	7.3	.1							100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

1998

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA
STATION NAME

64-84
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1208-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.2	.1	.1	.1						.6	18.0
NNE													
NE													
ENE	.1											.1	2.0
E													
ESE													
SE				.1									
SSE	.1												
S			.3									.3	8.4
SSW		.1		.1								.1	11.0
SW	.1	.1	.4	.3								.1	1.0
WSW	.1	.7	1.8	.5								.3	8.4
W	.7	7.1	9.9	.8								.1	18.0
WNW	.7	9.4	13.5	4.3	.2							.8	9.1
NW	.4	5.0	18.0	14.7	4.0	.1						3.1	8.6
NNW	.2	1.0	3.7	4.1	1.9	.2						18.5	7.1
VARBL												21.1	8.7
CALM												42.2	19.8
												11.0	12.1
												.1	
	2.2	18.6	47.7	24.9	6.2	.4						100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

1657

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA

STATION NAME

64-84

YEARS

MM
MONTH

ALL WEATHER
CLASS

0900-1800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.8	.5	.4	.1	.1						2.8	8.3
NNE		.2										.2	4.3
NE	.1		.1									.2	3.3
ENE		.1										.1	4.0
E	.1											.1	3.5
ESE	.1											.1	3.5
SE	.1											.1	3.5
SSE		.1										.1	3.0
S	.2	.1	.2	.1								.1	4.0
SSW	.4	.2	.2									.6	3.9
SW	.3	.7	.2									.8	4.1
WSW	.7	2.1	1.1									1.1	5.0
W	3.2	8.1	4.6	.2								3.9	8.3
WNW	3.3	7.5	5.9	1.4								16.2	5.8
NW	2.7	7.7	13.6	5.3	1.0							18.1	6.3
NNW	1.3	3.8	5.9	4.4	1.0							34.4	8.9
VARBL												16.3	9.1
CALM												4.9	
	13.6	31.3	32.3	15.9	2.1	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

1658

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA

STATION NAME

69-84

YEARS

JUN
MONTH

ALL WEATHER

CLASS

1500-0700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.3	.4		.1						.8	32.1
NNE													
NE													
ENE													
E		.1										.1	4.0
ESE													
SE													
SSE													
S			.1	.1								.1	14.8
SSW	.1	.2	.1	.2								.3	14.3
SW	.1	.6	1.0	.3								.8	14.9
WSW	.7	5.1	4.3	.3	.1							2.4	14.6
W	.6	6.5	10.3	2.6	.3							10.5	14.6
WNW	.6	5.7	21.3	16.0	2.9	.2						20.3	14.9
NW	.1	2.2	7.1	6.6	2.4	.1						46.7	14.4
NNW												10.3	14.4
VARBL													
CALM												.2	
	2.1	20.6	44.5	26.5	5.7	.3						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS

1496

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA

STATION NAME

64-74981-84

YEARS

JAN
MONTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.0	.9	.3	.2							4.6	5.9
NNE	.5	.4										.9	3.0
NE	.1	.2										.3	3.3
ENE	.1											.1	2.0
E													
ESE	.1											.1	2.0
SE													
SSE			.1									.1	7.0
S			.1									.1	7.0
SSW			.1									.1	10.0
SW	.1	.1	.1									.3	8.7
WSW	1.0	.8	.1									1.9	3.6
W	1.5	2.5	.2									4.2	4.0
WNW	1.9	3.7	3.3	1.1	.1							10.0	4.3
NW	4.1	11.4	18.6	6.1								37.1	7.5
NNW	4.2	12.2	15.2	5.3	.7	.1						37.6	7.5
VARBL													
CALM												2.6	
	14.7	33.3	35.7	12.7	1.0	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

1007

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA
STATION NAME

69-74.82-84
YEARS

JUN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	6.2	2.1	.5								12.8	5.0
NNE	2.0	.4										2.9	2.3
NE	.8	.1										.9	1.1
ENE	.6	.1										.7	2.3
E	.7	.2	.1									1.8	3.2
ESE	.6	.1										.7	2.4
SE	.6	.5										.9	1.4
SSE	.1	.1										.2	3.5
S	.2											.2	1.6
SSW	.2	.1										.3	2.3
SW	.4											.4	1.5
WSW	.5	.1										.6	2.4
W	2.1	.6										2.5	2.5
WNW	2.7	1.0	.9	.4								5.1	4.6
NW	6.6	8.9	5.2	.9	.1							21.6	5.3
NNW	6.6	14.0	10.7	3.1	.3							34.5	6.4
VARBL													
CALM												15.0	
	28.2	32.4	19.0	5.0	.4							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

964

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/WAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 123000 VANDENBERG AFB CA

68-73

YEAR

MONTH

ALL WEATHER
CLASS

0000-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.9	5.8	1.0									11.7	1.0
NNE	3.9	.8										4.6	1.0
NE	1.5	.1										1.6	1.0
ENE	.4											.8	1.0
E	1.8	.1										1.9	1.0
ESE	1.7	.3										2.0	1.0
SE	.5	.2										.8	1.0
SSE	.4	.1										.5	1.0
S	.4	.1										.5	1.0
SSW	.6											.6	1.0
SW		.1										.1	1.0
WSW	.5											.5	1.0
W	1.3	.5										1.8	1.0
WNW	1.8	2.2	.1									4.1	1.0
NW	5.1	7.8	2.4	.5								15.8	1.0
NNW	6.3	12.4	5.4	.5								24.6	1.0
VARBL													
CALM												28.2	
	31.4	30.5	8.8	1.1								100.0	1.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
JSAPFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA

STATION NAME

64-73,81,83

YEARS

JAN
MONTH

ALL WEATHER

CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.5	4.3	1.4									12.2	3.7
NNE	2.6	.3										2.9	2.3
NE	1.6	.2										1.8	2.4
ENE	.6											.6	2.3
E	1.9											1.9	1.8
ESE	1.3	1.0	.1									2.4	3.3
SE	2.3	.6										2.9	2.7
SSE	.2	.5										.4	2.0
S	.8	.3										1.1	2.6
SSW	.6	.3										1.0	2.8
SW	1.1	.2										1.3	2.3
WSW	.4	.4										.9	3.0
W	1.4	.2	.1									1.7	2.6
WNW	2.3	1.7	.1									4.1	3.3
NW	5.1	6.1	1.3									12.5	4.1
NNW	6.5	7.6	4.0	.4								18.5	4.8
VARBL													
CALM												33.4	
	35.3	23.9	7.0	.4								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

933

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 723930 VANDENBERG AFB CA STATION NAME 64-84 YEARS 1959
STATION NAME 0600-0600 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	3.1	1.3	.3								8.4	2.0
NNE	1.4	.5										2.0	2.5
NE	.8	.3										1.1	2.7
ENE	.5											.5	2.4
E	1.5	.1										1.6	2.2
ESE	1.4	.5										2.0	2.6
SE	1.4	.8										2.2	2.8
SSE	.9	.2										1.1	2.6
S	.6	.4										1.0	2.7
SSW	1.3	.3										1.6	2.4
SW	1.2	.3										1.5	2.7
WSW	1.3	.6										1.9	2.8
W	3.2	1.3										4.5	2.8
WNW	3.9	1.9	.1									6.0	3.1
NW	4.8	5.6	2.3	.4								13.1	4.7
NNW	4.9	5.3	3.5	.5								14.2	5.0
VARBL													
CALM												37.1	
	33.0	21.5	7.2	1.2								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS

1959

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723030
STATION

VANDENBERG AFB CA

STATION NAME

64-84

YEARS

JUL
MONTH

0900-1100
HOURS (L.R.T.)

ALL WEATHER
CLASS

CONDITL.

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.0	.2	.2								2.0	5.1
NNE	.2	.1										.3	3.8
NE	.1											.1	2.5
ENE													
E													
ESE	.1											.1	2.0
SE	.1	.1										.1	3.0
SSE													
S	.1											.1	2.0
SSW	.1	.1										.2	3.8
SW	.8	.3	.1									1.2	3.3
WSW	1.3	2.8	1.3									5.3	4.8
W	4.9	11.0	4.9	.1								20.9	5.1
WNW	3.5	10.2	6.2	.2	.1							20.2	5.6
NW	3.7	10.1	11.5	2.9	.1							28.2	6.9
NNW	2.0	4.3	5.3	2.6	.3							14.6	7.6
VARBL												6.5	
CALM													
	17.5	39.9	29.5	6.1	.4							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

1665

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723938
STATION

VANDENBERG AFB CA

STATION NAME

64-84

YEARS

JUL
MONTH

1200-2400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.5			.1						.7	0.4
NNE			.1									.1	10.0
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW		.1										.1	0.0
SW		.1										.1	0.5
WSW	.1	.9	1.7	.1								2.8	7.1
W	1.0	6.1	12.5	.7								20.4	7.0
WNW	1.1	6.5	18.1	2.0	.1							27.8	7.7
NW	.7	5.2	22.7	8.0	.5							37.0	9.0
NNW	.5	.7	4.8	3.9	.7	.1						10.8	10.6
VARBL													
CALM												.1	
	3.6	19.8	60.4	14.6	1.4	.2						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

1660

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA
STATION NAME

64-84
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.3	.1	.1							.4	8.6
NNE			.1									.1	8.0
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW		.1										.1	9.0
WSW		.3	.3									.6	6.4
W	1.0	4.3	6.1	.1								11.5	8.6
WNW	1.2	7.4	12.1	1.5	.1							22.3	7.4
NW	1.4	8.5	29.2	10.3	.7							50.1	8.8
NNW	.4	1.4	7.4	4.6	.6							14.5	10.0
VARBL													
CALM												.1	
	4.0	22.3	55.5	16.7	1.4							100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

1453

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723939
STATION

VANDENBERG AFB CA
STATION NAME

64-74,79,81-83
YEARS

JUL
MONTH

1600-2000
HOURS (L.A.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.4	1.0	.1								5.7	4.9
NNE	.4	.5										.9	3.6
NE	.1	.1										.2	3.0
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW	.1	.1										.1	4.0
WSW	.6	1.2	.5									.1	1.0
W	2.1	4.1	2.5	.5								2.2	5.1
WNW	5.2	18.4	14.4	2.1								9.2	5.5
NW	4.4	16.4	15.3	2.4	.3							40.1	6.2
NNW												38.9	6.5
VARBL													
CALM												2.7	
	14.2	44.1	33.7	5.1	.3							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

1037

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930

VANDENBERG AFB CA

STATION NAME

64-74.83

YEARS

JUL

MONTH

ALL WEATHER

CLIM

2100-2300

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.0	5.4	1.5	.1								13.1	1.9
NNE	2.6	.7										3.3	2.5
NE	.6	.3										.9	2.7
ENE	.2											.2	2.5
E	.3											.3	1.7
ESE	.5											.5	2.9
SE	.2	.1										.3	2.7
SSE													
S	.1											.1	2.0
SSW	.2											.2	1.5
SW													
WSW	.4	.1										.5	2.9
W	.3											.3	2.3
WNW	.7	.9	.5									2.1	4.5
NW	6.8	9.8	3.7	.3								20.7	9.6
NNW	9.1	18.1	8.8	.7								36.7	5.1
VARBL													
CALM												20.8	
	28.1	35.4	14.6	1.1								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

996

GLOBAL CLIMATOLOGY BRANCH
JSAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 723930 VANDENBERG AFB CA

64-73,78,81,83-84

AUG NORTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.3	3.2	.6	.4								9.6	3.9
NNE	2.3	.3										2.6	2.4
NE	.6	.2										.8	2.8
ENE	.8											.8	2.0
E	1.7	.1										1.8	2.1
ESE	1.1	.8	.1									2.1	3.5
SE	1.7	.3										2.0	2.6
SSE	.2	.1										.3	2.7
S	.3											.3	2.0
SSW	.3											.3	1.3
SW	.2	.1										.3	2.3
WSW	1.1	.1										1.8	2.3
W	1.4	.4										1.8	2.5
WNW	1.5	.9	.1	.1								2.6	3.8
NW	5.3	5.5	2.4	.2								13.5	4.6
NNW	5.4	8.3	4.1	1.0								18.9	5.4
VARBL													
CALM												41.1	
	29.3	20.5	7.3	1.8								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

959

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA

STATION NAME

64-73,78,81-82,84
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.1	3.8	.5	.3								8.7	4.0
NNE	2.0	.5										2.5	2.5
NE	1.8	.1										1.9	2.2
ENE	.9											.9	2.2
E	2.1	.5	.1									2.7	2.8
ESE	2.1	.7										2.8	2.8
SE	1.9	.9										2.8	3.1
SSE	1.4	.2										1.6	2.3
S	.2											.2	2.5
SSW	.1	.1										.2	2.5
SW	.6	.1										.7	2.4
WSW	.8	.2										1.0	2.4
W	1.7	.5										2.2	2.5
WNW	2.2	2.1	.3									4.6	3.5
NW	4.0	4.0	2.0	.1								10.0	4.3
NNW	5.0	5.0	2.3	.8								13.2	5.0
VARBL													
CALM												43.8	
	30.9	18.8	5.2	1.3								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS

956

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA
STATION NAME

64-84
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.9	2.4	.6	.5								9.5	3.6
NNE	1.9	.5										2.4	2.5
NE	.9	.1										1.0	2.5
ENE	.7	.1										.7	2.2
E	1.3	.6	.1									1.9	3.1
ESE	1.4	.4										1.8	2.5
SE	1.2	.4	.1									1.7	3.0
SSE	.9	.3	.1									1.3	2.6
S	1.1	.2										1.3	2.5
SSW	.7	.1										.7	2.4
SW	.6											.6	2.1
WSW	1.2	.2										1.4	2.2
W	3.0	.9	.1									3.9	2.5
WNW	3.0	1.5	.3									4.9	3.2
NW	5.3	4.0	1.1	.4								10.8	4.1
NNW	4.3	2.9	2.3	.9	.1							10.3	5.3
VARBL													
CALM												45.7	
	33.2	14.5	4.7	1.8	.1							100.0	2.0

TOTAL NUMBER OF OBSERVATIONS

1500

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDEMBERG AFB CA
STATION NAME

64-84
YEARS

AMG
MONTH

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.9	.5	.1								3.1	3.9
NNE	.3	.1										.4	2.4
NE	.1											.1	2.0
ENE													
E	.2											.2	2.3
ESE	.1											.1	2.5
SE	.1		.1	.1								.3	1.2
SSE	.1	.1	.1									.2	6.0
S	.4	.2	.1									.5	3.9
SSW	.2	.2	.1									.5	3.8
SW	.9	.5	.1									1.5	3.3
WSW	2.1	2.2	.9									5.2	4.3
W	5.5	8.1	3.3	.1								17.0	4.7
WNW	5.1	10.3	5.7	1.1								22.3	5.5
NW	5.0	9.6	8.9	2.5	.3							26.4	6.5
NNW	3.0	4.1	3.6	2.3	.3	.1						13.4	7.0
VARBL													
CALM												9.0	
	24.8	36.0	23.4	6.1	.6	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

1707

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930

STATION NAME
VANDENBERG AFB CA

64-84

STATION NAME

ALL WEATHER
CLASS

YEARS

AUG

MONTH

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.1	.2								.4	1.7
NNE													
NE													
ENE													
E													
ESE			.1									.1	1.0
SE			.1									.1	1.5
SSE			.1	.1								.2	1.3
S													
SSW		.1	.1									.1	1.0
SW	.1	.1	.2									.3	1.2
WSW	.1	.7	1.4	.1								2.2	1.9
W	1.4	7.5	11.3	.4								20.5	1.8
WNW	1.3	7.6	15.5	2.9	.2							27.5	1.7
NW	1.5	6.2	20.9	9.7	.8	.1						39.2	1.1
NNW	.2	1.3	4.4	2.7	.5	.1						9.3	10.3
VARBL													
CALM													
	4.5	23.6	54.1	16.1	1.6	.2						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

1700

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA

STATION NAME

64-84

YEARS

AUG
MONTH

ALL WEATHER

CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3	.1	.2								.6	8.9
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE			.1									.1	7.0
S			.1									.1	18.0
SSW		.1										.1	4.0
SW		.1	.1									.1	6.5
WSW	.2	.2	.3									.7	6.0
W	1.5	4.4	4.7	.1								10.8	6.0
WNW	1.1	7.6	12.5	1.8								23.0	7.3
NW	2.3	10.4	25.1	10.3	1.0	.1						49.2	8.7
NNW	.7	2.7	6.5	4.5	.8	.2						15.4	9.9
VARBL													
CALM													
	5.9	25.7	49.4	16.9	1.8	.3						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

1996

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930

VANDENBERG AFB CA

STATION NAME

64-74,79-84

YEARS

AUG

MONTH

ALL WEATHER

CLASS

1800-2000

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	3.3	.8	.2								7.7	4.3
NNE	.5	.2										.6	2.6
NE	.1											.1	1.0
ENE													
E	.2											.2	2.5
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW		.2										.2	4.5
W	1.0	1.3	.1									2.4	3.7
WNW	1.5	4.4	1.9	.1								7.9	5.2
NW	6.0	16.9	13.8	2.9								39.6	6.3
NNW	5.1	19.6	9.2	2.9	.1							36.9	6.1
VARBL													
CALM												4.4	
	17.7	45.9	25.9	6.0	.1							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

1077

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

72390 STATION NAME VANDENBERG AFB CA 69-79,78,81-84 YEARS AUG MONTH
2100-2300 HOURS (L.S.T.)
ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	9.1	9.8	1.0	.2								15.5	3.6
NNE	3.2	.8										4.0	2.6
NE	.6											.6	2.2
ENE	.5											.5	2.4
E	.7	.1										.8	2.4
ESE	.9	.1										1.0	2.4
SE	.4	.4										.8	3.3
SSE	.6											.6	2.5
S	.5											.5	2.6
SSW	.2											.2	2.0
SW	.1											.1	2.0
WSW	.3											.3	2.0
W	.7											.7	2.1
WNW	1.0	.6	.3	.1								2.0	4.4
NW	7.1	7.5	4.2	1.2								20.1	5.0
NNW	9.1	13.2	5.1	.5	.2							28.1	4.9
VARBL													
CALM												24.5	
	34.9	27.5	11.0	2.0	.2							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

1022

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

1723030
STATION

VANDENBERG AFB CA

63-72,80,84

YEARS

SEP

MONTH

0000-0200
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.3	2.0	1.1	.1								10.0	3.5
NNE	2.3	.9										3.2	2.9
NE	1.9	.2	.1									2.2	2.5
ENE	1.7	.2										1.9	2.3
E	5.5	2.4	.3									8.2	3.1
ESE	5.5	3.0	.8									9.4	3.4
SE	2.3	.5	.1									2.9	3.0
SSE	1.0											1.0	2.3
S	.8	.2										1.0	2.3
SSW	.2	.2										.4	3.5
SW	.6	.1										.7	2.1
WSW	.3											.3	2.3
W	.4	.2										.6	2.8
WNW	.9	.6		.1								1.7	3.6
NW	3.5	3.4	1.1	.1								8.2	4.4
NNW	3.5	5.4	2.1	.2								11.2	4.7
VARBL													
CALM												37.0	
	36.9	19.9	5.7	.5								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS

962

GLOBAL CLIMATOLOGY BRANCH
JSAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA

STATION NAME

63-72,82,84

YEARS

SEP

MONTH

ALL WEATHER

CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.7	2.9	.5	.1								9.2	3.4
NNE	2.2	.7	.2	.1								3.2	3.4
NE	1.1	.4										1.6	2.7
ENE	1.3	.1										1.5	2.4
E	5.5	2.7	.6									8.8	3.2
ESE	5.9	4.3	1.7									11.8	3.9
SE	2.5	1.3										3.8	3.0
SSE	1.0	.5										1.6	2.9
S	.6	.2										.8	2.6
SSW	.3											.3	2.3
SW	.5											.5	1.8
WSW	.7											.7	2.0
W	.9	.3	.1									1.3	2.8
WNW	.9	.6	.2									1.8	3.5
NW	3.3	2.4	.4									6.1	3.6
NNW	3.8	3.9	1.7	.4								9.9	4.7
VARBL													
CALM												37.0	
	36.5	20.4	5.4	.6								100.0	2.2

TOTAL: NUMBER OF OBSERVATIONS

964

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723980
STATION

VANDENBERG AFB CA

STATION NAME

63-84

YEARS

SEP
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.1	2.4	.8	.4								7.8	4.2
NNE	1.8	.9	.1	.1								2.9	3.4
NE	1.7	.4		.1								2.1	3.0
ENE	.8	.3	.1									1.2	2.8
E	3.7	2.1	.1									5.8	3.1
ESE	4.8	3.6	1.2									9.6	3.8
SE	3.5	1.7	.3	.2								5.6	3.4
SSE	1.7	.1										1.9	2.4
S	.6	.1										.7	1.9
SSW	.8	.1										.9	2.3
SW	.7	.2										.9	2.6
WSW	1.0	.3	.1									1.4	2.9
W	1.8	.8	.1									2.7	3.8
WNW	1.9	.7	.2									2.9	3.3
NW	2.7	2.9	.9	.2								6.7	4.4
NNW	3.6	2.9	2.3	.5								9.3	5.2
VARBL													
CALM												37.7	
	35.4	19.4	6.1	1.4								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS

1543

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723920 STATION

VANDENBERG AFB CA

STATION NAME

63-84

YEARS

SEP

MONTH

ALL WEATHER

CLASS

0900-1100

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	.9	.5	.1	.1							1.5	9.9
NNE	.5	.2	.3	.2								1.2	5.3
NE	.3	.1	.2									.6	9.5
ENE	.2	.1										.2	2.8
E	.5	.2										.6	3.0
ESE	.6	.5	.1	.1								1.3	9.5
SE	.8	.6	.7	.1								2.2	5.3
SSE	.8	.3	.1	.1								.9	9.9
S	.3	.2	.2	.1								.8	5.0
SSW	.8	.3	.2									1.0	9.1
SW	1.0	1.3	.3									2.6	9.9
WSW	1.4	3.3	1.4									6.1	5.2
W	4.3	7.9	3.9									16.2	9.8
WNW	3.2	6.8	3.3	.6								14.0	5.3
NW	3.5	9.0	8.1	3.4								24.0	9.8
NNW	2.2	3.7	3.9	2.0	.3							12.2	7.2
VARBL													
CALM												12.6	
	21.5	35.3	23.4	6.8	.4							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

1732

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
723030

STATION NAME
VANDENBERG AFB CA

63-84

YEAR

SEP
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.3	.1								.6	6.5
NNE													
NE			.1									.1	7.0
ENE													
E													
ESE		.1	.1									.1	6.5
SE			.1	.5								.1	9.0
SSE	.1	.1	.2	.3								.9	10.0
S	.1	.1	.1	.1								.5	10.0
SSW	.2	.3	.3	.1								.5	9.6
SW	.2	.3	.8	.5								1.0	8.4
WSW	.2	1.7	2.0	.4								4.7	7.2
W	1.2	8.9	10.8	.8								21.0	6.7
WNW	1.0	6.3	12.1	2.2	.1							23.7	7.5
NW	1.1	7.5	18.1	8.9	1.0	.1						36.7	9.0
NNW	.2	1.8	2.5	3.2	.7							8.4	10.4
VARBL													
CALM												.2	
	4.1	28.9	47.8	17.1	1.8	.1						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

1735

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA
STATION NAME

63-84
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.3	.3	.1	.1							1.0	6.0
NNE		.1										.1	5.0
NE													
ENE													
E													
ESE													
SE		.1	.1									.2	7.0
SSE			.1	.1								.3	10.8
S		.1		.1								.2	10.0
SSW		.2										.2	8.7
SW		.1	.8	.3								1.2	9.5
WSW	.1	.8	1.3	.3								2.5	7.4
W	1.0	6.0	4.4									11.4	6.1
WNW	1.0	8.2	8.2	1.4	.1							18.9	7.0
NW	1.7	12.8	20.3	8.7	.9							44.4	8.3
NNW	1.2	3.6	7.5	5.4	1.4	.1						19.3	9.7
VARBL													
CALM												.5	
	5.4	32.2	43.0	16.4	2.5	.1						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

1546

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA

63-74, 61-84

YEARS

SEP

MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.4	3.1	.8	.5								8.8	4.2
NNE	1.7	.4										2.1	2.4
NE	.4	.1										.5	2.5
ENE	.5											.5	2.3
E	.9	.1										.9	2.4
ESE	.3	.4										.7	4.0
SE	.3	.1										.3	3.0
SSE	.1											.1	2.0
S	.2											.2	2.0
SSW	.2	.2	.2	.1								.6	6.1
SW	.3	.3	.1									.7	4.3
WSW	.2	.1										.3	3.3
W	1.5	.7										2.1	3.0
WNW	2.8	2.3	.9	.1								6.1	4.3
NW	4.9	13.5	8.6	1.6								28.6	6.0
NNW	7.4	14.5	8.6	2.0	.3							32.8	5.8
VARBL													
CALM												14.6	
	25.8	35.9	19.2	4.3	.3							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

1163

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA

STATION NAME

63-74,79-80,82-84
YEARS

SEP
MONTH

2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.0	1.0	.6									8.5	1.2
NNE	2.8	1.0										1.8	2.9
NE	1.2											1.2	2.0
ENE	1.0											1.0	1.9
E	4.5	1.1										5.6	2.7
ESE	2.6	1.7	.1									4.3	3.1
SE	1.8	.7										2.6	2.9
SSE	.5	.5										.9	3.1
S	.4	.1										.5	2.8
SSW													
SW	.3	.1										.4	3.0
WSW	.6	.1										.7	2.6
W	.5	.2										.6	3.1
WNW	1.1	1.0	.3									2.4	4.0
NW	3.7	4.6	2.3	.4								11.0	4.8
NNW	6.3	7.6	5.8	.3								19.9	5.3
VARBL													
CALM												36.6	
	33.1	20.4	9.1	.6								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

1086

GLOBAL CLIMATOLOGY BRANCH
JSAPETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

123930 STATION VANDENBERG AFB CA 63-72,77,79-80,82 OCT NORTH
0000-0200 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	2.5	1.0	.2	.1							6.7	5.2
NNE	1.7	.9	.2		.1							2.9	3.9
NE	1.2	.4										1.6	2.6
ENE	1.2	.5										1.7	2.8
E	6.3	5.5	.2									12.0	3.0
ESE	6.7	8.9	3.3	.1								19.0	6.0
SE	3.8	3.7	.3	.2								8.0	3.0
SSE	.7	.4	.1									1.3	3.3
S	.7	.5										1.3	3.1
SSW	.5											.5	2.2
SW	.3											.3	2.0
WSW	.3											.3	2.7
W	.5											.5	2.2
WNW	.6	.8	.1									1.6	6.1
NW	1.4	1.5	.7	.1								3.7	9.7
NNW	1.8	5.2	2.4	.9								10.4	5.8
VARBL													
CALM												28.3	
	30.2	31.0	8.7	1.6	.2							100.0	3.1

TOTAL: NUMBER OF OBSERVATIONS

953

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 723030 VANDENBERG AFB CA STATION NAME 63-72,77770,00,83-84 NORTH 0CT 0300-0600 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.9	1.0	.5								6.7	3.0
NNE	2.1	1.5	.8	.1								4.5	4.3
NE	1.8	.7										2.5	2.8
ENE	1.6	.3										1.9	2.0
E	3.6	5.6	.9									11.7	3.6
ESE	7.6	10.1	4.4									22.0	4.6
SE	6.2	6.2	.3	.1								9.0	3.9
SSE	1.4	.6	.1									2.1	3.0
S	1.0	.4										1.5	3.0
SSW	.4											.4	3.3
SW	.1											.1	3.0
WSW	.9											.4	3.5
W	.3	.4										.9	3.6
WNW	.6	.6										1.3	3.6
NW	.6	1.2	.1	.2								2.1	3.1
NNW	2.2	2.5	2.6	.4								7.7	5.7
VARBL													
CALM												24.8	
	32.6	31.2	10.0	1.4								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

956

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA

STATION NAME

63-84

YEARS

057

MONTH

ALL WEATHER

CLASS

0600-0800

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	2.6	2.1	.5								8.2	5.3
NNE	2.0	1.8	.8	.4								4.9	5.1
NE	1.6	.6		.1								2.3	1.0
ENE	1.6	.8	.3									2.7	3.3
E	5.8	5.4	.6									11.9	3.6
ESE	6.5	9.6	4.0									20.1	9.4
SE	4.0	4.2	1.0	.1								9.4	6.4
SSE	1.1	.2	.1									1.4	3.1
S	.7	.1		.1								.9	1.2
SSW	.7	.1										.9	2.4
SW	.2											.2	2.0
WSW	.3	.2										.5	3.3
W	.7	.2										.9	2.6
WNW	.8	.1	.1	.1								1.1	3.8
NW	1.2	1.0	.7	.1								3.0	9.7
NNW	1.5	2.2	1.8	.8								6.4	6.2
VARBL													
CALM												25.3	
	31.9	29.1	11.5	2.0	.1							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

1525

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723030
STATION

VANDENBERG AFB CA

STATION NAME

63-04

YEARS

067
MONTH

054538

ALL WEATHER
CLASS

0900-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.9	1.5	1.5	.3							7.2	1.9
NNE	.7	.5	.6	.9								2.6	1.9
NE	.3	.2	.3	.1								.9	1.1
ENE	.6	.2	.1									.7	1.1
E	1.5	.6	.1									2.3	1.5
ESE	2.0	2.1	.6									4.9	1.5
SE	1.6	1.4	.9	.2	.1							4.3	1.5
SSE	.6	.7	.3	.1	.1							1.9	1.5
S	.9	.9	.7	.5								2.9	1.5
SSW	.5	.4	.4									1.3	1.5
SW	1.3	1.3	.4									3.0	1.5
WSW	1.1	3.1	1.3	.1								5.6	1.5
W	2.8	5.8	1.7	.1								10.9	1.5
WNW	2.9	4.9	2.1	.4								10.2	1.5
NW	2.6	4.7	5.3	3.7	.3							16.5	7.6
NNW	2.2	2.5	3.7	2.3	.4							11.1	7.8
VARBL													
CALM												14.2	
	23.3	31.5	20.1	9.7	1.1							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

1798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930 STATION VANDENBERG AFB CA 63-84 YEARS MONTH OCT
1200-1400 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3	.1	.5								.9	9.2
NNE			.3	.2								.5	10.0
NE													
ENE													
E	.1												
ESE				.1								.1	2.0
SE	.1	.2	.2	.1	.2							.1	10.0
SSE		.1	.2	.2								.7	10.3
S		.2	.7	.3								.5	10.6
SSW		.5	.3	.5								1.2	9.6
SW	.1	.3	1.0	.5								1.5	9.0
WSW	.2	1.9	3.4	.6								2.6	8.2
W	.8	10.1	9.0	.8								6.1	7.7
WNW	1.0	8.1	8.2	1.9	.3							20.7	6.7
NW	.9	7.8	13.3	9.8	2.1	.1						19.6	7.3
NNW	.2	2.0	3.2	4.1	1.0	.1						34.0	9.6
VARBL												10.6	10.6
CALM												1.0	
	3.4	31.6	40.5	19.6	3.7	.2						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 1796

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723990
STATION

WANDENBERG AFB CA
STATION NAME

63-84
YEARS

067
NORTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.6	.6	.4								2.0	1.0
NNE	.1	.2	.2									.5	6.8
NE													
ENE													
E			.1										
ESE			.2										10.0
SE			.1	.3								.1	9.3
SSE		.3	.3	.1								.4	10.5
S		.4	.6	.2								.7	10.6
SSW		.3	.4	.2								1.2	8.3
SW	.1	.8	.8	.1								1.0	6.6
WSW	.4	1.1	1.7	.4								1.7	6.7
W	1.1	5.8	3.6	.3								3.7	10.2
WNW	2.3	6.4	6.4	1.3	.1							10.0	9.9
NW	2.2	11.7	15.8	7.2	1.5	.1						16.5	6.5
NNW	1.0	5.4	5.7	7.2	1.7							30.6	8.4
VARBL												21.0	9.9
CALM												1.7	
	7.7	33.0	36.6	17.7	3.2	.1						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

1573

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723938
STATION

VANDENBERG AFB CA
STATION NAME

63-74779-84
YEARS

067
MONTH

ALL WEATHER
CLASS

1000-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.2	0.0	2.7	0.3								11.2	0.9
NNE	1.6	0.5	0.3	0.1								2.6	1.9
NE	1.0	0.3										1.2	2.7
ENE	1.0	0.2										1.2	2.6
E	2.7	0.7	0.1									3.5	2.9
ESE	1.0	1.0	0.2	0.1								3.9	2.7
SE	1.2	1.0	0.3	0.1								3.0	0.6
SSE	0.8	0.8	0.3									1.8	0.1
S	0.3	0.5	0.3									1.2	0.9
SSW	0.3	0.2										0.4	0.4
SW	0.3	0.3										0.7	3.9
WSW	0.7	0.4	0.1									1.2	3.7
W	1.7	0.5										2.3	2.8
WNW	1.0	1.0	0.5	0.1								2.6	0.6
NW	3.4	6.0	3.0	1.1	0.1							13.6	3.7
NNW	5.9	8.1	4.9	4.2	0.3							23.5	6.6
VARBL													
CALM												26.1	
	28.0	26.7	12.7	6.1	0.9							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

1154

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 723000 VANDENBERG AFB CA STATION NAME 63-74,77-92,99 YEARS 087
STATION 2100-2100 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	3.3	1.5	.6								9.2	4.8
NNE	2.8	.8	.7	.2								3.8	4.3
NE	1.7	.6	.5		.1							2.8	4.8
ENE	.7	.7										1.5	2.9
E	7.0	3.8	.4									11.1	3.1
ESE	5.9	6.3	1.0									13.8	1.8
SE	2.5	2.8	.6									5.1	1.9
SSE	.4	.8	.1									1.3	1.9
S	.9	.2	.2									.8	4.8
SSW	.1	.1										.2	3.8
SW	.3	.2	.1									.6	1.7
WSW	.2											.2	1.5
W	.3	.2	.1									.6	1.8
WNW	.8	.3	.2		.2							1.7	5.3
NW	2.0	2.7	.9	.3								5.9	4.9
NNW	2.9	3.1	3.4	1.2								12.6	6.0
VARBL													
CALM												29.5	
	31.1	27.4	9.6	2.2	.3							100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 1088

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723030
STATION

VANDENBERG AFB CA
STATION NAME

63-72.84

YEARS

MONTH
NORTH

ALL WEATHER
CLASS

0000-0000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.2	1.9	.3								5.9	5.9
NNE	2.1	2.1	.8									5.0	5.0
NE	2.2	1.8	.3									4.1	4.1
ENE	1.8	1.3	.1									3.0	3.0
E	3.2	6.6	.7									12.8	12.8
ESE	5.7	13.4	4.3	.3	.2							24.8	24.8
SE	4.2	4.3	2.3	.9	.1	.5						12.6	12.6
SSE	.3	.4	.8	.7								2.2	2.2
S	.3	.6	.6	.4								1.9	1.9
SSW	.6	.6	.2									1.3	1.3
SW	.3	.3	.4	.1								.9	.9
WSW	.1	.4	.4									.6	.6
W	.3	.1	.1									.6	.6
WNW	.3	.2	.2									.8	.8
NW	.4	.7	.4	.2								1.8	1.8
NNW	1.1	1.4	2.1	.7								5.3	5.3
VARBL													
CALM												17.0	
	26.0	36.0	15.7	3.6	.3	.6						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

905

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA

STATION NAME

63-72,84

YEARS

NOV
MONTH

ALL WEATHER
CLASS

0300-0600
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	3.3	1.6	.3								7.5	5.0
NNE	1.6	3.1	1.2	.4								6.2	5.0
NE	1.2	2.4	.1	.2								9.0	9.9
ENE	1.6	1.1										2.9	3.3
E	6.0	6.9	.4		.1							13.4	3.8
ESE	5.3	16.9	5.4	.3								27.9	5.1
SE	3.0	4.8	1.6	1.1	.2	.3						18.0	6.1
SSE	.6	.8	.4	.4	.1							2.1	7.7
S	.2	.3	.1	.1	.1							.9	6.8
SSW	.3	.2	.2									.8	4.7
SW		.4										.4	5.5
WSW	.1											.1	2.0
W	.4	.1	.3	.1								1.0	6.4
WNW	.6	.3	.2	.1								1.2	5.8
NW	.9	1.7	.9	.2								3.7	5.6
NNW	.7	1.6	1.1	.3								3.7	6.1
VARBL													
CALM												13.0	
	24.8	43.9	13.6	3.8	.6	.3						100.0	4.5

TOTAL: NUMBER OF OBSERVATIONS

902

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723050
STATION

VANDENBERG AFB CA
STATION NAME

63-84
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	3.0	2.7	.8								9.9	5.7
NNE	1.5	1.9	.8	.2	.1							4.5	5.1
NE	1.0	.8	.6	.2								2.7	5.3
ENE	1.0	1.1										2.2	3.4
E	5.9	7.3	1.0	.1								14.3	4.0
ESE	7.3	15.3	6.2	.6								29.4	5.0
SE	2.0	6.2	1.9	1.1	.6	.2						11.9	6.6
SSE	.6	.5	.4									1.5	4.4
S	.2	.5	.8	.1								1.5	6.7
SSW	.3	.2	.2									.6	4.0
SW	.1	.2	.2									.5	5.2
WSW		.1		.1								.2	8.5
W	.1	.4										.5	4.3
WNW	.2	.2	.2									.6	4.8
NW	.3	.7	.9	.2			.1					2.2	7.2
NNW	1.0	2.3	1.5	.1								4.9	5.5
VARBL													
CALM												12.6	
	24.3	41.5	17.3	3.5	.6	.2	.1					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

1241

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723030
STATION

WANDENBERG AFB CA
STATION NAME

63-84
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0900-1200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.5	3.4	2.1	.3							10.2	7.6
NNE	.7	.9	1.7	1.1	.1							4.5	8.9
NE	.7	.7	.5	.1								1.9	5.1
ENE	.9	.3	.2									1.4	3.5
E	2.6	3.0	.5	.1								5.9	4.0
ESE	4.2	4.9	2.3	.5								12.0	9.9
SE	2.8	3.8	2.2	1.3	.6	.2						10.9	7.0
SSE	.8	.8	.8	.9	.1							3.4	7.6
S	.9	.5	.7	.2								2.3	5.9
SSW	.5	.2	.2									1.0	4.5
SW	.6	.7	.4									1.7	4.8
WSW	1.1	.9	.7	.1								2.8	4.9
W	2.6	1.8	1.1	.1								5.3	4.8
WNW	1.2	1.5	.9	.2	.1							3.9	5.8
NW	1.6	2.5	3.0	1.8	.2							9.0	7.5
NNW	1.4	2.8	4.2	2.6	.1	.1						11.1	8.0
VARBL													
CALM												12.6	
	24.1	27.8	22.7	11.2	1.4	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

1690

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA

STATION NAME

63-84

YEARS

NOV
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.4	1.4	.8	.2							3.2	9.6
NNE	.2	.2	.5	.4								1.2	8.0
NE	.1	.1	.1									.4	5.8
ENE													
E	.1	.1		.1								.3	5.4
ESE	.1	.1	.4	.2	.1	.1						1.0	11.2
SE	.4	.4	.9	1.7	.4	.1						3.8	14.1
SSE	.1	.3	.9	1.1	.4	.1						2.8	13.3
S	.1	.4	1.1	.8	.1							2.4	10.1
SSW	.2	.1	.8	.4								1.4	8.9
SW	.3	.8	.9	.4								2.4	7.3
WSW	.3	2.4	2.8	.5								6.0	6.9
W	1.8	7.9	5.7	.4								15.7	5.9
WNW	1.7	7.3	5.4	1.2	.1		.1					15.9	6.8
NW	1.1	5.9	11.8	8.6	.7	.1						28.1	9.4
NNW	.6	1.5	4.3	5.5	.7	.1						12.6	10.6
VARBL													
CALM												2.8	
	7.3	27.8	36.9	22.0	2.7	.4	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

1689

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA
STATION NAME

63-84
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.0	1.1	.9	.1							4.3	6.7
NNE	.3	.3	.2	.3								1.1	7.4
NE	.1											.1	2.0
ENE													
E		.1										.1	6.0
ESE	.1	.2	.2	.2	.3							1.1	14.5
SE	.1	.4	.9	.9	.5	.2						3.0	11.9
SSE		.4	1.0	.3	.1							1.7	9.4
S	.2	.5	1.1	.4	.2							2.3	9.4
SSW	.4	.4	.5	.5								1.8	7.2
SW	.3	1.0	1.0	.1								2.4	6.6
WSW	.5	.8	1.1	.1								2.6	6.2
W	2.5	4.1	1.7	.1								8.5	4.8
WNW	3.3	4.6	2.9	.8	.1	.1						11.7	5.8
NW	3.4	9.1	10.7	7.0	.8	.2						31.1	8.2
NNW	2.7	4.3	7.9	6.8	.4							22.2	8.6
VARBL													
CALM												6.0	
	15.2	27.2	30.4	18.5	2.4	.4						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

1680

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723030
STATION

VANDENBERG AFB CA
STATION NAME

63-79.79-81.84
YEARS

MAY
MONTH

1800-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	3.9	2.6	.6								10.3	5.1
NNE	2.6	1.8	.5	.4								5.1	4.4
NE	1.2	.8	.2									2.2	3.6
ENE	1.3	.1	.2									1.5	3.9
E	3.3	2.3	.4	.1								6.6	3.5
ESE	3.7	2.5	.3	.2	.1							6.7	3.9
SE	2.0	1.7	1.5	1.2	.2							7.4	6.3
SSE	.7	.5	.9	.8								3.0	7.4
S	.5	.4	1.0	.4	.3							2.5	8.3
SSW	.2	.6	.3		.1							1.2	6.5
SW	.5	.5	.2									1.2	9.3
WSW	.2	.2	.3	.2								.8	7.6
W	1.2	.1										1.1	2.4
WNW	1.0	.5	.2	.1								1.8	9.2
NW	2.0	3.0	1.9	.9	.2							8.0	6.2
NNW	2.5	6.3	6.9	2.4	.1							18.1	6.9
VARBL													
CALM												22.3	
	26.8	25.6	17.3	7.2	.9							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

1099

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA
STATION NAME

63-79.83-84
YEARS

NAV
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	2.0	2.1	.6								8.1	5.1
NNE	1.5	2.2	.6	.3								9.5	6.8
NE	.9	1.5	.3	.1								2.0	6.5
ENE	1.0	.6										1.9	3.2
E	6.1	6.2	.7	.3								13.1	3.9
ESE	5.1	10.5	2.3	.4	.2							16.5	4.7
SE	3.5	3.1	1.2	1.2	.4							9.4	6.1
SSE	.5	.4	.7	.6								2.2	1.9
S	.4	.5	.4	.6								1.8	2.7
SSW	.5	.5		.3								1.2	3.3
SW	.6	.2	.1	.1								1.0	4.9
WSW	.1	.4	.2									.6	6.1
W	.3	.1		.1								.5	5.0
WNW	.4	.1										.5	2.9
NW	.6	1.4	1.1	.5	.1							3.7	6.7
NNW	1.3	3.2	4.1	.8								9.4	6.8
VARBL													
CALM												20.6	
	25.8	33.5	13.8	5.7	.6							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

1083

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723000
STATION

VANDENBERG AFB CA
STATION NAME

63-72.77, 80.83
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.3	2.3	.4								7.6	1.8
NNE	1.0	0.6	2.0	.2								8.8	1.0
NE	1.7	1.0	.9	.2								4.7	0.0
ENE	1.0	1.1										2.9	3.1
E	3.0	7.3	1.0									13.7	0.0
ESE	0.5	1.1	3.0		.1	.1						27.2	0.0
SE	2.0	3.6	1.0	1.2	.2	.1						8.8	0.0
SSE	.1	.5	.1	.3	.1							1.2	0.0
S	.5	.1	.0	.5								1.6	0.0
SSW	.2	.2	.2	.1								.7	0.0
SW	.2	.2	.3	.1								.6	0.0
WSW	.1	.1	.3									.5	0.0
W	.3	.6										1.0	0.0
WNW	.1	.1	.1									.3	0.0
NW	.6	.6	1.1	.1								2.5	0.0
NNW	.5	1.4	2.3	1.1								5.3	0.0
VARBL													
CALM												12.7	
	23.1	42.8	16.5	9.3	.4	.2						100.0	0.7

TOTAL NUMBER OF OBSERVATIONS

937

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDOLMERS AFB CA
STATION NAME

63-72.77, 80.83
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.7	1.9	.6								7.9	1.9
NNE	2.0	3.2	1.6	.1								7.7	1.9
NE	2.8	2.6	.1									5.1	1.7
ENE	2.0	2.0	.2									4.3	1.6
E	3.6	7.7	1.3									10.7	1.6
ESE	6.3	16.3	5.2	.1	.1							20.1	1.6
SE	2.6	6.6	1.0	.9	.1							9.9	1.6
SSE	.2	.2		.2	.3							1.0	1.6
S	.3	.1	.1	.2								.7	1.6
SSW	.1	.3	.1	.7								1.3	1.6
SW	.2	.1	.1									.4	1.6
WSW	.2	.1	.2									.5	1.6
W	.1	.0	.1	.2								.9	1.6
WNW	.4	.4	.1	.1								1.1	1.6
NW		.6	.4	.3								1.6	1.6
NNW	.6	2.0	1.4	1.1	.2							5.3	1.6
VARBL													
CALM												10.1	
	25.0	49.6	15.0	9.6	.7							100.0	9.7

TOTAL NUMBER OF OBSERVATIONS

936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA
STATION NAME

63-84
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0600-0000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	0.1	3.2	1.2								10.2	6.1
NNE	2.2	2.9	1.5	.4								6.9	5.1
NE	2.2	1.6	.6	.2								4.6	3.3
ENE	1.3	.8	.1									2.2	1.4
E	4.4	0.2	2.0									14.6	4.9
ESE	5.5	1.6	7.0	.5	.1							10.7	3.3
SE	2.3	4.8	1.7	.8	.2	.1						9.9	4.2
SSE	.5	.2	.2	.6	.1							1.3	0.1
S	.5	.5		.2								1.2	0.7
SSW	.5		.1	.2	.2							.9	1.7
SW	.1	.1	.1									.2	5.3
WSW	.2	.2	.2	.1								.7	6.2
W	.2	.3	.4	.2								1.0	1.0
WNW	.2	.1	.2	.1								.5	6.1
NW	.2	.4	.2	.6								1.5	8.6
NNW	.5	1.2	1.8	.6								4.1	7.3
VARBL													
CALM												8.9	
	23.1	42.8	19.2	5.4	.5	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

1287

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 123930 VANDENBERG AFB CA STATION NAME YEARS 63-84 MONTH DEC

0900-1100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	3.3	4.3	2.6	.3							13.0	1.5
NNE	1.0	1.3	2.0	1.6	.2							5.0	1.3
NE	.6	1.1	1.1	.2								3.1	1.3
ENE	1.0	.8	.1	.1								1.9	1.6
E	3.0	3.3	.7	.1								7.9	1.2
ESE	4.3	9.6	3.1	.7	.2							18.0	5.2
SE	3.6	4.6	2.4	1.5	.7	.1						12.9	6.3
SSE	1.2	1.0	.5	.3	.2		.1					3.2	1.4
S	.6	.5	.3	.2								1.6	1.4
SSW	.2	.2	.2	.2	.1							1.0	1.1
SW	.4	.5	.3									1.2	1.2
WSW	.3	.6	.2	.2								1.5	1.4
W	.6	.7	.6									1.6	1.7
WNW	.9	.7	.4	.1								2.0	1.8
NW	.9	1.6	2.1	1.3	.1							6.0	7.7
NNW	1.0	2.2	3.2	2.4	.3							9.2	8.3
VARBL													
CALM												9.8	
	23.1	32.4	21.2	11.3	2.0	.1	.1					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

1758

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723000
STATION

VANDENBERG AFB CA

STATION NAME

63-84

YEARS

05C
MONTH

1200-1400
HOURS (L.S.T.)

ALL WEATHER
CLAS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.9	2.2	2.4	.5							6.3	10.1
NNE	.2	.5	.8	1.4	.3							3.1	10.0
NE	.2	.1	.1	.3	.1							.7	9.8
ENE	.2	.1	.1									.3	9.2
E	.3	.1	.2	.1								.7	9.0
ESE	.3	.2	.3	.6	.2							1.0	9.8
SE	.3	.7	1.3	1.7	.9	.3	.1					5.3	10.1
SSE	.2	.8	1.3	.6	.1	.1						3.1	9.2
S	.8	.5	1.1	.4	.1							2.6	9.6
SSW	.5	.3	.8	.4	.1							2.1	8.2
SW	.8	1.1	.9	.4	.1							3.4	9.5
WSW	.9	1.4	1.8	.2	.1							5.8	9.6
W	2.2	1.3	2.6	.2	.1							12.4	8.3
WNW	1.7	5.2	2.3	.7								10.0	8.8
NW	2.0	5.0	6.9	6.2	.4							22.5	8.8
NNW	1.1	2.1	5.6	6.3	.9	.1						16.1	10.2
VARBL													
CALM												4.2	
	12.0	28.2	29.8	21.6	3.6	.6	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

1757

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723030
STATION

WANDSWORTH AFB CA
STATION NAME

63-84
YEARS

DIC
MONTH

1500-1700
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.7	2.0	1.8	.1							6.7	7.0
NNE	.5	.3	.5	.7	.1	.1						2.2	8.0
NE	.1	.2	.2	.3	.2	.1						1.1	10.3
ENE	.3	.1		.2								.6	9.0
E	.2	.3	.2	.1								.8	1.0
ESE	.2	.5	.3	.3	.1	.1						1.6	6.9
SE	.2	.5	1.2	1.4	.5	.3	.1					4.1	10.0
SSE	.1	.4	.7	.3	.2	.2						1.8	11.1
S	.1	.6	.7	.5								1.8	8.4
SSW	.2	.4	.2	.2	.2							1.2	6.6
SW	.6	.6	.7	.2								2.2	6.3
WSW	.7	1.2	.8									2.6	5.1
W	3.2	4.1	1.1									8.4	9.3
WNW	2.6	2.9	1.9	.3	.1							7.8	5.3
NW	3.7	7.8	8.1	4.3	.5	.1						24.9	7.5
NNW	3.5	5.1	8.1	7.2	.6	.2						24.7	8.6
VARBL													
CALM												7.8	
	17.0	26.8	26.8	17.8	2.5	.9	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

1739

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930

WANDENBERG AFB CA

STATION NAME

63-74,77-84

YEARS

DEC

MONTH

ALL WEATHER

CLASS

1800-2000

HOURES (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	%	MEAN WIND SPEED
N	2.7	6.3	3.7	1.2							13.8	3.9
NNE	1.9	2.9	1.1	.6	.1						6.6	5.7
NE	1.8	1.4	.9	.1							4.2	4.7
ENE	2.8	1.1	.3								3.4	3.4
E	3.3	1.9	.2								7.3	3.6
ESE	3.4	1.1	.7	.3							7.4	4.3
SE	1.4	2.1	1.1	1.8	1.0	.3					7.7	9.6
SSE	.6	.2	.3		.1						1.1	9.1
S	.4	.3	.6	.2							1.3	6.5
SSW	.3	.2	.3	.3	.1						1.1	7.5
SW	.2	.3	.3								.5	7.7
WSW	.3	.2	.1								.5	4.2
W	.8	.3	.1								1.1	3.2
WNW	.6	.4	.3	.2							1.5	5.8
NW	1.0	1.7	1.5	1.0	.2						5.5	7.2
NNW	2.6	5.7	5.4	2.1	.3						16.2	7.2
VARBL												
CALM											20.5	
	23.1	29.6	16.8	7.7	1.8	.3					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

1164

GLOBAL CLIMATOLOGY BRANCH
JSAPETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

723930
STATION

VANDENBERG AFB CA
STATION NAME

63-75.77.79-81.83-84
YEARS

DEC
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	4.0	5.0	.5								12.1	6.1
NNE	2.6	2.9	2.3	.4								8.1	5.9
NE	1.5	1.8	.9									9.1	9.5
ENE	1.8	1.4										3.8	3.1
E	5.3	3.8	.6									11.9	1.8
ESE	4.9	13.6	1.8	.4		.1						28.9	8.7
SE	2.1	3.3	.4	1.5	.6	.5						8.8	8.8
SSE	.5	.8	.4	.5	.3							2.5	8.0
S	.5	.3	.3	.3	.1							1.1	7.5
SSW	.3	.1		.3		.1						.7	8.4
SW			.4									.6	9.6
WSW	.1	.1	.1	.2								.4	7.6
W	.4	.3	.1	.1								.9	9.6
WNW	.4	.2	.5	.3								1.4	6.2
NW	.4	1.0	.4	.4		.1						2.4	7.0
NNW	.8	2.5	3.2	1.1								7.6	7.5
VARBL													
CALM												13.6	
	24.4	37.7	16.5	6.1	1.0	.8						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

1136

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 723030 VANDENBERG AFB CA STATION NAME 63-84 YEARS ALL MONTH ALL HOURS (L.S.T.)

INSTRUMENT

CLASS

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	2.4	.9	.1	.0							6.6	3.2
NNE	1.2	.4										1.7	2.7
NE	.6	.2	.0									.8	2.5
ENE	.3	.1	.0									.4	2.7
E	.8	.3	.0	.0								1.2	3.0
ESE	.8	.6	.2	.0	.0	.0						1.6	3.4
SE	.7	.5	.3	.2	.1	.1						1.9	6.7
SSE	.3	.2	.1	.1	.0							.9	6.2
S	.5	.2	.2	.2	.1	.0						1.2	7.2
SSW	.3	.2	.2	.2	.0	.0	.0					1.0	6.8
SW	.5	.4	.2	.1								1.2	6.8
WSW	.7	.8	.4	.1	.0							2.0	4.9
W	2.1	3.3	2.0	.1	.0							7.5	5.1
WNW	2.3	4.4	3.7	.5	.0							11.0	6.0
NW	3.8	8.5	9.9	3.1	.2	.0						25.4	7.0
NNW	4.0	7.8	7.3	2.3	.1	.0						21.5	6.6
VARBL													
CALM												14.1	
	22.2	30.4	25.6	7.0	.6	.1	.0					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

27305

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the >10 mi visibility category should be used with great caution.

(continued on Reverse Side)

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 0
NO CEILING											
≥ 1000					91.0						92.6
≥ 1500											
≥ 1200											
≥ 1000											
≥ 900											
≥ 800											
≥ 700											
≥ 600											
≥ 500									97.4		98.1
≥ 400											
≥ 300											
≥ 200											
≥ 100											
0					95.4		96.9		98.3		100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.

Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likeewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with > 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA										PERIOD OF RECORD: 64-73										MONTH: JAN HOURS(IST): 0000-0200																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
CEILING										VISIBILITY IN STATUTE MILES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
IN	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE</

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-73.78
MONTH: JAN HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES																			
	1	2	3	4	5	6	7	8	9	10	1/4	1/2	3/4	1	5/8	1/2	5/16	1/4	0	
NO CEIL	56.8	65.2	65.9	65.9	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	67.1	67.2	67.3	67.5	
GE 20000	58.4	67.0	67.6	67.6	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.8	68.9	69.0	69.2	
GE 18000	59.0	67.6	68.2	68.2	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.4	69.5	69.6	69.8	
GE 16000	59.8	68.4	69.0	69.0	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	70.2	70.3	70.4	70.6	
GE 14000	60.4	70.0	70.7	70.7	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.9	72.0	72.1	72.3	
GE 12000	60.6	70.2	70.9	70.9	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	72.1	72.2	72.3	72.5	
GE 10000	60.9	70.5	71.2	71.2	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	72.4	72.5	72.6	72.9	
GE 9000	60.9	70.5	71.2	71.2	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	72.4	72.5	72.6	72.9	
GE 8000	61.9	71.6	72.3	72.3	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.5	73.6	73.7	73.9	
GE 7000	62.2	72.1	72.9	73.0	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	74.1	74.2	74.3	74.6	
GE 6000	62.7	72.7	73.5	73.6	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.8	74.9	75.0	75.2	
GE 5000	63.0	73.2	74.0	74.1	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	75.3	75.4	75.5	75.8	
GE 4500	63.2	73.6	74.5	74.6	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.8	75.9	76.0	76.2	
GE 4000	64.5	75.3	76.3	76.5	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.7	77.8	77.9	78.1	
GE 3500	65.5	77.4	78.3	78.5	79.0	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.8	79.9	80.0	80.3	
GE 3000	66.3	78.9	79.9	80.2	80.6	80.7	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.7	81.8	81.9	82.1	
GE 2500	67.5	81.1	82.2	82.4	82.8	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.9	84.0	84.1	84.3	
GE 2000	68.5	83.5	84.5	84.8	85.2	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	86.3	86.4	86.5	86.7	
GE 1800	69.0	84.8	85.8	86.1	86.5	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.6	87.7	87.8	88.0	
GE 1500	69.0	85.4	86.5	86.7	87.1	87.2	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	88.2	88.3	88.4	88.6	
GE 1200	69.0	85.8	86.9	87.2	87.8	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.9	89.0	89.1	89.4	
GE 1000	69.0	86.4	87.4	87.8	88.3	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.5	89.6	89.7	89.9	
GE 900	69.1	87.4	88.7	89.1	89.6	89.7	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.9	91.0	91.1	91.3	
GE 800	69.1	88.0	89.4	89.7	90.2	90.3	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.5	91.6	91.7	92.0	
GE 700	69.1	88.0	89.5	90.0	90.7	90.8	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	92.1	92.2	92.3	92.5	
GE 600	69.1	88.2	89.7	90.2	91.0	91.1	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.5	92.6	92.7	92.9	
GE 500	69.1	88.3	89.8	90.3	91.2	91.3	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.7	92.8	92.9	93.2	
GE 400	69.1	89.1	90.6	91.3	92.3	92.4	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	94.0	94.1	94.2	94.6	
GE 300	69.1	89.1	90.6	91.6	92.6	92.7	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.8	95.0	95.1	95.6	
GE 200	69.1	89.1	90.6	91.6	92.7	92.9	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	95.9	96.1	96.9	98.0	
GE 100	69.1	89.1	90.6	91.6	92.7	92.9	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	96.0	96.2	97.2	99.8	
GE 0	69.1	89.1	90.6	91.6	92.7	92.9	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	96.0	96.2	97.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 952

GLOBAL CLIMATOLOGY BRANCH
USAF/CLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDOLBERG AFB CA PERIOD OF RECORD: 64-84
MONTH: JAN HOURS(IST): 0600-0800

		VISIBILITY IN STATUTE MILES																															
CEILING		1		2		3		4		5		6		10		1		1 1/4		1 1/2		1 3/4		5/8		1/2		5/16		1/4		0	
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	
NO	CEIL	53.7	59.4	59.5	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	
GE	20000	55.5	61.6	61.6	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	
GE	18000	57.0	63.0	63.0	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	
GE	16000	58.2	64.4	64.4	64.9	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	
GE	14000	58.9	65.4	65.4	65.8	65.8	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	
GE	12000	59.8	66.3	66.3	66.6	66.6	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	
GE	10000	60.6	67.2	67.2	67.5	67.5	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	
GE	9000	60.9	67.5	67.5	67.8	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	
GE	8000	61.6	68.5	68.5	68.7	68.7	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	
GE	7000	62.1	69.1	69.1	69.3	69.3	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
GE	6000	62.8	70.1	70.1	70.3	70.3	70.7	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	
GE	5000	63.4	71.0	71.0	71.4	71.4	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	
GE	4500	64.1	71.9	71.9	72.3	72.3	72.7	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	
GE	4000	65.1	73.4	73.4	73.8	73.8	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	
GE	3500	65.9	74.9	74.9	75.3	75.3	75.8	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	
GE	3000	67.4	76.9	76.9	77.3	77.3	77.8	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	
GE	2500	69.4	80.0	80.0	80.4	80.4	81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	
GE	2000	70.6	83.1	83.1	83.7	83.7	84.5	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	
GE	1800	71.0	84.1	84.1	84.8	84.8	85.6	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	
GE	1500	71.8	85.5	85.5	86.3	86.3	87.1	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	
GE	1200	72.0	86.0	86.0	87.0	87.0	87.8	88.6	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	
GE	1000	72.0	86.8	86.8	87.9	87.9	88.7	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	
GE	900	72.0	87.1	87.1	88.2	88.2	89.1	90.0	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	
GE	800	72.1	87.6	87.6	88.7	88.7	89.7	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	
GE	700	72.1	87.9	87.9	89.0	89.0	90.2	91.2	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	
GE	600	72.2	88.0	88.0	89.2	89.2	90.5	91.7	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	
GE	500	72.2	88.1	88.1	89.3	89.3	90.6	91.9	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	
GE	400	72.2	88.3	88.3	89.5	89.5	91.0	92.4	92.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	
GE	300	72.2	88.3	88.3	89.6	89.6	91.1	92.5	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	
GE	200	72.2	88.3	88.3	89.6	89.6	91.1	92.7	92.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
GE	100	72.2	88.3	88.3	89.6	89.6	91.1	92.7	92.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
GE	0	72.2	88.3	88.3	89.6	89.6	91.1	92.7	92.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	

TOTAL NUMBER OF OBSERVATIONS: 1288

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: JAN HOURS(IST): 0900-1130

		VISIBILITY IN STATUTE MILES																			
CEILING IN FEET	I	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	U				
NO CEIL	I	56.6	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.1	61.1	61.2	61.3				
GE 20000	I	61.0	65.6	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.2	66.2	66.3	66.4				
GE 18000	I	62.1	66.9	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6	67.7	67.7	67.8	67.9				
GE 16000	I	63.2	68.0	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.8	68.8	68.9	69.0				
GE 14000	I	64.1	69.2	69.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	70.0	70.0	70.1	70.2				
GE 12000	I	65.1	70.5	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.6	71.6	71.7	71.7				
GE 10000	I	66.3	72.0	72.3	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.2	73.2	73.3	73.4				
GE 9000	I	66.6	72.3	72.6	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.5	73.5	73.6	73.7				
GE 8000	I	67.0	72.9	73.2	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.1	74.1	74.3	74.3				
GE 7000	I	67.6	73.7	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.9	74.9	75.0	75.1				
GE 6000	I	68.4	74.8	75.1	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	76.0	76.1	76.1	76.2	76.2				
GE 5000	I	69.0	75.7	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	77.0	77.0	77.1	77.1				
GE 4500	I	69.5	76.6	76.9	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.9	77.9	78.0	78.1				
GE 4000	I	70.5	77.8	78.1	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.2	79.2	79.2	79.3	79.4				
GE 3500	I	71.2	79.0	79.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.6	80.6	80.8	80.8				
GE 3000	I	72.5	80.5	80.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.3	82.3	82.4	82.5				
GE 2500	I	74.3	83.4	83.9	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.5	85.5	85.6	85.6				
GE 2000	I	76.0	86.3	87.0	88.3	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.7	88.9	88.9	89.0	89.0				
GE 1800	I	76.2	87.1	88.0	89.3	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.9	89.9	90.0	90.1				
GE 1500	I	77.0	88.7	89.9	91.1	91.4	91.6	91.7	91.9	92.0	92.0	92.0	92.1	92.2	92.2	92.3	92.4				
GE 1200	I	77.4	89.5	90.9	92.2	92.5	92.7	92.8	93.0	93.1	93.1	93.1	93.2	93.3	93.3	93.4	93.5				
GE 1000	I	77.6	89.9	91.3	92.6	93.0	93.2	93.3	93.5	93.7	93.7	93.7	93.8	93.9	93.9	94.0	94.1				
GE 900	I	77.7	90.1	91.6	92.9	93.4	93.6	93.7	94.0	94.1	94.1	94.1	94.3	94.4	94.4	94.5	94.5				
GE 800	I	77.8	90.3	91.8	93.3	93.8	94.0	94.1	94.5	94.6	94.6	94.6	94.7	94.8	94.8	95.0	95.0				
GE 700	I	77.8	90.6	92.1	93.8	94.3	94.5	94.7	95.2	95.3	95.3	95.3	95.4	95.5	95.5	95.7	95.7				
GE 600	I	77.8	90.9	92.4	94.2	94.9	95.2	95.4	95.9	96.0	96.1	96.1	96.2	96.4	96.4	96.5	96.5				
GE 500	I	77.9	91.0	92.7	94.5	95.4	95.7	96.0	96.6	96.7	96.8	96.8	97.0	97.1	97.1	97.2	97.4				
GE 400	I	77.9	91.0	92.8	94.6	95.5	95.8	96.2	97.0	97.1	97.2	97.4	97.5	97.6	97.6	97.9	98.1				
GE 300	I	77.9	91.0	92.8	94.7	95.7	96.0	96.4	97.1	97.3	97.5	97.6	97.8	97.9	98.0	98.2	98.4				
GE 200	I	77.9	91.0	92.8	94.7	95.7	96.1	96.5	97.2	97.4	97.7	97.8	98.0	98.2	98.4	98.6	99.2				
GE 100	I	77.9	91.0	92.8	94.7	95.7	96.1	96.5	97.2	97.4	97.7	97.8	98.1	98.2	98.5	98.8	99.9				
GE 01	I	77.9	91.0	92.8	94.7	95.7	96.1	96.5	97.2	97.4	97.7	97.8	98.1	98.2	98.5	98.8	100.0				

TOTAL NUMBER OF OBSERVATIONS: 1705

PERIOD OF RECORD: 64-84
MONTH: JAN HOURS (LST): 12.0-14.00

STATION NUMBER: 723930 STATION NAME: VANLERNBERG AFB CA

SEVENTH ANNUAL SYMPOSIUM

IN	1	GE	6	5	4	3	GE	2 1/2	GE	2	1 1/2	1	1/4	GE	1	3/4	GL	5/8	1/2	GE	5/16	1/4	GE
FELT	1	10																					
NO	CEIL	1	59.0	62.8	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	
GE	20000	63.2	68.3	68.4	68.6	68.8	68.8	68.8	68.9	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	
GE	18000	64.3	69.5	69.5	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
GE	16000	65.4	70.5	70.6	70.8	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	
GE	14000	66.2	71.7	71.7	71.9	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	
GE	12000	67.1	72.9	73.0	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	
GE	10000	68.1	74.4	74.5	74.9	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	
GE	9000	68.3	74.7	74.9	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	
GE	8000	68.6	75.2	75.3	75.7	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	
GE	7000	69.6	76.4	76.6	77.0	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	
GE	6000	70.0	77.1	77.3	77.8	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	
GE	5000	70.4	78.0	78.2	78.7	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	
GE	4500	70.9	78.7	78.9	79.4	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	
GE	4000	71.7	80.4	80.7	81.2	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	
GE	3500	72.4	81.3	81.5	82.1	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	
GE	3000	73.7	82.9	83.2	83.6	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	
GE	2500	75.1	84.9	85.3	85.9	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	
GE	2000	76.8	87.2	87.6	88.3	88.7	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	
GE	1800	77.8	89.0	89.4	90.1	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	
GE	1500	78.5	90.0	90.7	91.4	91.9	92.0	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	
GE	1200	79.0	91.0	91.7	92.7	93.1	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	
GE	1000	79.2	91.4	92.3	93.4	93.8	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	
GE	900	79.4	91.9	92.6	94.0	94.4	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	
GE	800	79.8	92.6	93.6	94.8	95.3	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
GE	700	79.8	92.8	93.8	95.0	95.5	96.0	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	
GE	600	80.0	93.1	94.1	95.4	96.0	96.4	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	
GE	500	80.0	93.3	94.4	95.8	96.5	97.1	97.4	97.6	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	
GE	400	80.0	93.3	94.5	96.1	96.8	97.4	97.7	98.0	98.0	98.0	98.1	98.1	98.4	98.4	98.4	98.5	98.5	98.7	98.7	98.7	98.7	
GE	300	80.0	93.3	94.5	96.1	97.0	97.5	97.8	98.2	98.2	98.2	98.4	98.4	98.7	98.7	98.7	98.9	98.9	99.1	99.1	99.1	99.1	
GE	200	80.0	93.3	94.5	96.1	97.0	97.5	97.8	98.2	98.2	98.2	98.4	98.4	98.8	98.8	99.0	99.1	99.2	99.2	99.5	99.5	99.5	
GE	100	80.0	93.3	94.5	96.1	97.0	97.5	97.8	98.2	98.2	98.2	98.4	98.4	98.8	98.8	99.0	99.1	99.2	99.2	99.5	99.5	99.5	
GE	0	80.0	93.3	94.5	96.1	97.0	97.5	97.8	98.2	98.2	98.2	98.4	98.4	98.8	98.8	99.0	99.1	99.2	99.2	99.5	99.5	99.5	

TOTAL NUMBER OF OBSERVATIONS: 1706

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA
PERIOD OF RECORD: 64-84
MONTH: JAN HOURS(LST): 1500-1700

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

•••••
CEILING

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VENSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-75, 79-84
MONTH: JAN HOURS: 11:1800-2000

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	1		2		3		4		5		6		7		8	
		GE	U	GE	U	GE	U	GE	U	GE	U	GE	U	GE	U	GE	U
NO	CEIL	1	54.2	62.1	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
5E	20000	55.8	64.8	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
6E	18000	56.2	65.2	65.5	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
6E	16000	56.6	65.6	66.1	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
6E	14000	56.9	66.2	66.6	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
6E	12000	57.4	66.9	67.3	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
6E	10000	58.4	68.3	68.7	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
6E	9000	58.8	68.9	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
6E	8000	59.7	70.4	70.8	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
6E	7000	59.8	70.8	71.2	71.3	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
6E	6000	60.5	71.8	72.1	72.3	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
6E	5000	61.1	72.6	73.0	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
6E	4500	61.7	73.4	73.8	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
6E	4000	62.6	74.4	75.0	75.2	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
6E	3500	62.9	74.7	75.3	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
6E	3000	63.7	75.8	76.4	76.6	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
6E	2500	64.6	77.7	78.3	78.5	78.5	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
6E	2000	65.9	80.3	81.0	81.3	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
6E	1800	66.0	81.1	81.9	82.1	82.2	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
6E	1500	66.1	82.3	83.1	83.4	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
6E	1200	66.4	83.6	84.3	84.7	85.0	85.0	85.0	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3
6E	1000	66.5	84.3	85.1	85.6	85.8	85.9	85.9	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2
6E	900	66.6	85.0	85.6	86.3	86.5	86.6	86.6	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9
6E	800	66.7	85.4	86.3	86.7	87.0	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3
6E	700	66.8	85.9	87.0	87.4	87.7	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
6E	600	66.8	86.4	87.5	88.0	88.3	88.4	88.4	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7
6E	500	66.9	86.7	88.0	88.5	88.8	89.0	89.0	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4
6E	400	67.0	87.7	88.9	89.7	90.1	90.5	90.5	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
6E	300	67.0	87.8	89.0	89.8	90.4	90.9	90.9	91.6	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9
6E	200	67.0	87.8	89.0	89.8	90.6	91.0	91.0	92.0	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3
6E	100	67.0	87.8	89.0	89.8	90.7	91.1	91.1	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3
6E	01	67.0	87.8	89.0	89.8	90.7	91.1	91.1	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3

TOTAL NUMBER OF OBSERVATIONS: 1137

96.6 100.0

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-75
MONTH: JAN HOURS(IST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES																PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY			
IN FEET	10	1		2		3		4		5		6		7		8		9		10	
		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
NO CEIL	1	56.2	65.0	65.1	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 20000	1	57.9	67.0	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 18000	1	57.9	67.1	67.2	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 16000	1	58.5	67.8	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 14000	1	58.6	68.0	68.1	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 12000	1	59.0	68.6	68.7	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 10000	1	59.6	69.3	69.4	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 9000	1	59.7	69.4	69.5	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 8000	1	60.6	71.0	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 7000	1	60.7	71.2	71.3	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 6000	1	61.2	71.8	72.0	72.5	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 5000	1	62.0	73.0	73.2	73.6	73.8	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 4500	1	63.1	74.2	74.4	74.8	75.1	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 4000	1	63.5	74.9	75.3	75.8	76.0	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 3500	1	63.9	76.0	76.5	77.0	77.2	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 3000	1	64.4	76.8	77.2	77.7	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 2500	1	65.1	77.9	78.3	78.8	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 2000	1	65.6	78.9	79.5	80.1	80.3	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 1800	1	66.0	79.9	80.5	81.1	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 1500	1	66.6	81.2	81.9	82.7	83.0	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1200	1	66.9	82.6	83.4	84.3	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 1000	1	67.0	83.8	84.7	85.6	86.0	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 900	1	67.0	83.8	84.7	85.7	86.1	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 800	1	67.1	84.3	85.2	86.2	86.8	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 700	1	67.2	84.8	85.9	87.0	87.5	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 600	1	67.3	85.0	86.1	87.2	88.0	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 500	1	67.5	85.5	86.7	88.1	88.9	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 400	1	67.5	86.0	87.4	89.1	90.1	90.3	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 300	1	67.5	86.1	87.6	89.3	90.4	90.6	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 200	1	67.5	86.1	87.6	89.3	90.8	91.0	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 100	1	67.5	86.1	87.6	89.3	90.8	91.0	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 0	1	67.5	86.1	87.6	89.3	90.8	91.0	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0

TOTAL NUMBER OF OBSERVATIONS: 1089

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-73
MONTH: FEB HOURS(LST): 0000-0200

		VISIBILITY IN STATUTE MILES																			
CEILING		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
IN	FEET	1	2	3	4	5	6	10	1	2	3	4	5	6	10	1	2	3	4	5	6
		1	2	3	4	5	6	10	1	2	3	4	5	6	10	1	2	3	4	5	6
NO	CEIL	50.1	61.8	62.0	62.4	62.7	62.8	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE	20000	50.6	62.7	62.6	63.3	63.5	63.6	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE	16000	51.2	63.3	63.4	63.6	64.1	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE	16000	51.6	63.7	63.8	64.3	64.5	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE	14000	52.8	65.0	65.1	65.6	65.8	66.0	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE	12000	53.4	65.8	66.0	66.4	66.7	66.8	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE	10000	54.1	66.9	67.0	67.5	67.7	67.8	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE	9000	54.4	67.3	67.4	67.8	68.1	68.2	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE	8000	55.1	68.1	68.2	68.7	68.9	69.0	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE	7000	55.4	68.4	68.6	69.0	69.3	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE	6000	56.9	70.6	70.7	71.1	71.4	71.5	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE	5000	57.5	71.7	71.8	72.3	72.6	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE	4500	57.8	72.8	73.0	73.5	73.7	73.9	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE	4000	58.7	73.9	74.1	74.6	74.8	74.9	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE	3500	59.5	74.7	74.9	75.4	75.6	75.7	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE	3000	60.0	75.6	76.0	76.4	76.7	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE	2500	60.4	76.9	77.3	77.7	78.0	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE	2000	61.0	79.6	80.2	80.7	80.9	81.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE	1800	62.3	81.2	81.7	82.2	82.4	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE	1500	62.8	82.8	83.4	83.9	84.1	84.2	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE	1200	63.4	84.5	85.2	85.9	86.1	86.2	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE	1000	63.5	85.2	85.9	86.6	87.0	87.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE	900	63.5	85.6	86.3	87.0	87.5	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE	800	63.5	86.5	87.4	88.1	88.7	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE	700	63.5	86.6	87.5	88.2	88.8	88.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE	600	63.5	86.9	88.0	88.8	89.5	89.6	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE	500	63.5	87.2	88.3	89.4	90.3	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE	400	63.5	87.8	89.2	90.3	91.5	91.6	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE	300	63.5	87.9	89.3	90.6	91.8	92.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE	200	63.5	87.9	89.3	90.6	91.8	92.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE	100	63.5	87.9	89.3	90.6	91.8	92.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE	0	63.5	87.9	89.3	90.6	91.8	92.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-73, 81, 84
MONTH: FEB HOURS(1ST): 0300-0500

		VISIBILITY IN STATUTE MILES															
CEILING		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
IN	FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO	CEIL	1	49.6	60.7	61.0	61.2	61.2	61.5	61.7	61.7	61.6	61.8	61.8	61.9	62.4	62.6	63.4
GE	20000	1	51.5	62.8	63.1	63.3	63.3	63.7	63.8	63.8	63.9	63.9	63.9	64.0	64.5	64.8	65.7
GE	18000	1	51.9	63.4	63.7	63.9	63.9	64.2	64.4	64.4	64.5	64.5	64.5	64.6	65.1	65.4	66.2
GE	16000	1	52.2	64.0	64.2	64.5	64.5	64.8	64.9	64.9	65.1	65.1	65.1	65.2	65.7	66.0	66.8
GE	14000	1	52.9	64.8	65.1	65.3	65.3	65.7	65.8	65.8	65.9	65.9	65.9	66.0	66.5	66.8	67.6
GE	12000	1	53.3	65.8	66.0	66.2	66.2	66.6	66.7	66.7	66.8	66.8	66.8	66.9	67.4	67.8	68.6
GE	10000	1	54.2	67.1	67.3	67.5	67.5	67.9	68.0	68.0	68.1	68.1	68.1	68.2	68.7	69.1	69.9
GE	9000	1	54.3	67.2	67.4	67.6	67.6	68.0	68.1	68.1	68.2	68.2	68.2	68.3	68.8	69.2	70.0
GE	8000	1	54.7	67.6	67.9	68.1	68.1	68.5	68.6	68.6	68.7	68.7	68.7	68.8	69.3	69.6	70.5
GE	7000	1	55.5	68.3	68.6	68.8	68.8	69.2	69.3	69.3	69.4	69.4	69.4	69.5	70.0	70.3	71.2
GE	6000	1	56.3	70.1	70.3	70.6	70.6	70.9	71.0	71.0	71.2	71.2	71.2	71.3	71.7	72.1	72.9
GE	5000	1	57.2	71.9	72.1	72.3	72.3	72.7	72.8	72.8	72.9	72.9	72.9	73.0	73.5	73.9	74.7
GE	4500	1	57.8	73.6	73.9	74.1	74.1	74.4	74.6	74.6	74.7	74.7	74.7	74.8	75.3	75.6	76.4
GE	4000	1	58.6	74.7	74.9	75.1	75.1	75.5	75.6	75.6	75.7	75.7	75.7	75.8	76.3	76.7	77.5
GE	3500	1	58.9	75.5	75.7	76.0	76.0	76.3	76.4	76.4	76.6	76.6	76.6	76.7	77.1	77.5	78.3
GE	3000	1	59.6	76.4	76.6	77.0	77.0	77.4	77.5	77.5	77.6	77.6	77.6	77.7	78.2	78.5	79.4
GE	2500	1	60.1	77.4	77.7	78.0	78.0	78.3	78.4	78.4	78.5	78.5	78.5	78.7	79.1	79.5	80.3
GE	2000	1	61.0	79.2	79.4	79.6	79.8	80.2	80.3	80.3	80.4	80.4	80.4	80.5	81.0	81.4	82.2
GE	1800	1	61.5	80.8	81.0	81.2	81.5	81.8	81.9	81.9	82.1	82.1	82.1	82.2	82.6	83.0	83.6
GE	1500	1	62.7	83.6	83.8	84.1	84.3	84.6	84.8	84.8	84.9	84.9	84.9	85.0	85.5	85.8	86.6
GE	1200	1	63.1	84.4	84.6	84.9	85.1	85.6	85.7	85.7	85.8	85.8	85.8	85.9	86.4	86.8	87.6
GE	1000	1	63.7	85.6	86.2	86.4	86.4	87.0	87.1	87.1	87.2	87.2	87.2	87.3	87.8	88.2	89.0
GE	900	1	63.9	86.3	86.5	86.9	87.1	87.7	87.8	87.8	87.9	87.9	87.9	88.0	88.5	88.9	89.7
GE	800	1	63.9	86.9	87.1	87.6	87.8	88.4	88.5	88.5	88.6	88.6	88.6	88.7	89.2	89.6	90.4
GE	700	1	63.9	87.1	87.3	88.0	88.3	88.9	89.0	89.0	89.1	89.1	89.1	89.2	89.7	90.0	90.9
GE	600	1	63.9	87.2	88.2	89.1	89.3	90.0	90.2	90.2	90.3	90.3	90.3	90.4	90.9	91.2	92.0
GE	500	1	63.9	87.7	88.7	90.0	90.5	91.2	91.3	91.3	91.4	91.4	91.4	91.6	92.0	92.4	93.2
GE	400	1	64.1	88.0	89.2	90.6	91.1	91.8	91.9	91.9	92.1	92.1	92.1	92.5	93.0	93.3	94.1
GE	300	1	64.1	88.3	89.4	90.9	91.4	92.1	92.4	92.4	92.7	92.8	92.8	93.1	93.6	94.1	95.2
GE	200	1	64.1	88.3	89.6	91.2	91.8	92.6	92.8	92.8	93.2	93.3	93.3	93.6	94.4	95.3	97.0
GE	100	1	64.1	88.3	89.6	91.2	91.8	92.6	92.8	92.8	93.2	93.3	93.3	93.6	94.5	95.7	99.5
GE	0	64.1	88.3	89.6	91.2	91.8	91.8	92.6	92.8	92.8	93.2	93.3	93.3	93.6	94.5	95.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 853

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: FEB HOURS(LST): 0600-0000

CEILING		VISIBILITY IN STATUTE MILES																							
IN FEET	1	2	3	4	5	6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
NO CEIL	1	2	3	4	5	6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
GE	20000	54.9	61.6	62.1	62.7	63.2	63.6	64.1	64.5	64.9	65.3	65.7	66.1	66.5	66.9	67.3	67.7	68.1	68.5	68.9	69.3	69.7	70.1	70.5	70.9
GE	18000	55.2	61.9	62.5	63.2	63.6	64.1	64.5	64.9	65.3	65.7	66.1	66.5	66.9	67.3	67.7	68.1	68.5	68.9	69.3	69.7	70.1	70.5	70.9	71.3
GE	16000	55.8	62.8	63.4	64.1	64.5	64.9	65.3	65.7	66.1	66.5	66.9	67.3	67.7	68.1	68.5	68.9	69.3	69.7	70.1	70.5	70.9	71.3	71.7	72.1
GE	14000	56.9	64.4	64.9	65.6	66.2	66.6	67.1	67.5	67.9	68.3	68.7	69.1	69.5	69.9	70.3	70.7	71.1	71.5	71.9	72.3	72.7	73.1	73.5	73.9
GE	12000	57.5	65.2	65.8	66.5	67.1	67.5	67.9	68.3	68.7	69.1	69.5	69.9	70.3	70.7	71.1	71.5	71.9	72.3	72.7	73.1	73.5	73.9	74.3	74.7
GE	10000	58.6	66.4	67.0	67.7	68.4	68.9	69.3	69.7	70.1	70.5	70.9	71.3	71.7	72.1	72.5	72.9	73.3	73.7	74.1	74.5	74.9	75.3	75.7	76.1
GE	9000	59.2	67.1	67.7	68.5	69.2	69.7	70.1	70.5	70.9	71.3	71.7	72.1	72.5	72.9	73.3	73.7	74.1	74.5	74.9	75.3	75.7	76.1	76.5	76.9
GE	8000	59.6	67.7	68.2	69.0	69.7	70.1	70.5	70.9	71.3	71.7	72.1	72.5	72.9	73.3	73.7	74.1	74.5	74.9	75.3	75.7	76.1	76.5	76.9	77.3
GE	7000	60.5	68.5	69.1	69.9	70.7	71.4	72.0	72.6	73.2	73.8	74.4	75.0	75.6	76.2	76.8	77.4	78.0	78.6	79.2	79.8	80.4	81.0	81.6	82.2
GE	6000	61.2	69.6	70.3	71.2	72.0	72.7	73.5	74.2	75.0	75.7	76.4	77.1	77.8	78.5	79.1	79.7	80.3	80.9	81.5	82.1	82.7	83.3	83.9	84.5
GE	5000	61.8	70.4	71.2	72.2	73.0	73.8	74.6	75.4	76.2	77.0	77.8	78.6	79.4	80.2	81.0	81.8	82.6	83.4	84.2	85.0	85.8	86.6	87.4	88.2
GE	4500	62.4	71.1	72.1	73.1	73.8	74.5	75.4	76.2	77.1	77.8	78.6	79.4	80.2	81.0	81.8	82.6	83.4	84.2	85.0	85.8	86.6	87.4	88.2	89.0
GE	4000	63.6	72.7	73.6	74.6	75.4	76.2	77.1	77.8	78.6	79.4	80.2	81.0	81.8	82.6	83.4	84.2	85.0	85.8	86.6	87.4	88.2	89.0	89.8	90.6
GE	3500	64.4	74.4	75.4	76.4	77.1	77.8	78.6	79.4	80.2	81.0	81.8	82.6	83.4	84.2	85.0	85.8	86.6	87.4	88.2	89.0	89.8	90.6	91.4	92.2
GE	3000	64.9	75.4	76.5	77.5	78.2	78.9	79.6	80.4	81.1	81.8	82.6	83.4	84.2	85.0	85.8	86.6	87.4	88.2	89.0	89.8	90.6	91.4	92.2	93.0
GE	2500	66.0	77.3	78.3	79.3	80.1	80.8	81.5	82.2	82.9	83.6	84.3	85.0	85.7	86.4	87.1	87.8	88.5	89.2	89.9	90.6	91.3	92.0	92.7	93.4
GE	2000	67.2	79.3	80.3	81.5	82.2	82.9	83.6	84.3	85.0	85.7	86.4	87.1	87.8	88.5	89.2	89.9	90.6	91.3	92.0	92.7	93.4	94.1	94.8	95.5
GE	1800	67.8	80.4	81.5	82.7	83.6	84.3	85.0	85.7	86.4	87.1	87.8	88.5	89.2	89.9	90.6	91.3	92.0	92.7	93.4	94.1	94.8	95.5	96.2	96.9
GE	1500	68.7	82.0	83.2	84.6	85.4	86.2	86.9	87.3	87.7	88.1	88.5	88.9	89.3	89.7	90.1	90.5	90.9	91.3	91.7	92.1	92.5	92.9	93.3	93.7
GE	1200	68.9	82.8	84.2	85.8	86.7	87.3	87.7	88.1	88.5	88.9	89.3	89.7	90.1	90.5	90.9	91.3	91.7	92.1	92.5	92.9	93.3	93.7	94.1	94.5
GE	1000	69.2	83.2	84.8	86.4	87.6	88.3	88.7	89.1	89.5	89.9	90.3	90.7	91.1	91.5	91.9	92.3	92.7	93.1	93.5	93.9	94.3	94.7	95.1	95.5
GE	900	69.3	83.7	85.2	86.8	88.1	88.9	89.3	89.7	90.1	90.5	90.9	91.3	91.7	92.1	92.5	92.9	93.3	93.7	94.1	94.5	94.9	95.3	95.7	96.1
GE	800	69.3	83.6	85.5	87.1	88.4	89.2	89.7	90.1	90.5	90.9	91.3	91.7	92.1	92.5	92.9	93.3	93.7	94.1	94.5	94.9	95.3	95.7	96.1	96.5
GE	700	69.4	84.2	85.9	87.6	89.0	89.8	90.2	90.6	91.0	91.4	91.8	92.2	92.6	93.0	93.4	93.8	94.2	94.6	95.0	95.4	95.8	96.2	96.6	97.0
GE	600	69.5	84.5	86.4	88.2	89.8	91.1	91.8	92.4	93.0	93.6	94.2	94.8	95.4	96.0	96.6	97.2	97.8	98.4	99.0	99.6	100.0	100.0	100.0	100.0
GE	500	69.5	84.7	86.6	88.8	90.4	91.5	92.0	92.5	93.0	93.5	94.0	94.5	95.0	95.5	96.0	96.5	97.0	97.5	98.0	98.5	99.0	99.5	100.0	100.0
GE	400	69.5	84.8	86.8	89.0	90.7	91.9	92.5	93.0	93.5	94.0	94.5	95.0	95.5	96.0	96.5	97.0	97.5	98.0	98.5	99.0	99.5	100.0	100.0	100.0
GE	300	69.5	84.8	86.9	89.2	90.9	91.4	92.4	93.1	93.6	94.2	94.7	95.2	95.7	96.2	96.7	97.2	97.7	98.2	98.7	99.2	99.7	100.0	100.0	100.0
GE	200	69.5	84.9	87.0	89.2	91.2	91.7	92.6	93.4	93.6	94.2	94.8	95.3	95.8	96.3	96.8	97.3	97.8	98.3	98.8	99.3	99.8	100.0	100.0	100.0
GE	100	69.5	84.9	87.0	89.2	91.2	91.7	92.6	93.4	93.6	94.2	94.8	95.3	95.8	96.3	96.8	97.3	97.8	98.3	98.8	99.3	99.8	100.0	100.0	100.0
GE	01	69.5	84.9	87.0	89.2	91.2	91.7	92.6	93.4	93.6	94.2	94.8	95.3	95.8	96.3	96.8	97.3	97.8	98.3	98.8	99.3	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 1181

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-84
MONTH: FEB HOURS(LST): 0900-1100

VISIBILITY IN STATUTE MILES																	
CEILING IN FEET	10	GE	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	54.6	59.9	60.8	61.4	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.9	
GE 20000	57.8	64.2	65.1	65.7	65.9	65.9	65.9	66.0	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.4	
GE 18000	57.9	64.5	65.4	66.0	66.2	66.3	66.4	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.8	
GE 16000	58.4	65.0	65.9	66.4	66.8	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.4	
GE 14000	59.7	66.6	67.6	68.2	68.5	68.6	68.7	68.7	68.8	68.8	68.8	68.9	68.9	68.9	68.9	69.1	
GE 12000	60.4	67.7	68.7	69.3	69.6	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.3	
GE 10000	62.0	69.5	70.5	71.2	71.5	71.6	71.6	71.8	71.8	71.8	71.8	71.9	71.9	72.0	72.0	72.2	
GE 9000	62.2	69.7	70.7	71.4	71.8	71.9	72.0	72.0	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.4	
GE 8000	62.6	70.2	71.3	72.0	72.4	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.2	
GE 7000	63.3	71.0	72.2	72.9	73.4	73.6	73.6	73.8	73.8	73.8	73.8	73.9	73.9	74.0	74.0	74.1	
GE 6000	64.2	71.9	73.1	73.8	74.3	74.5	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.9	74.9	75.0	
GE 5000	65.1	73.1	74.3	75.2	75.7	75.9	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.3	76.3	76.5	
GE 4500	65.5	74.0	75.1	76.1	76.5	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.3	
GE 4000	66.5	75.4	76.7	77.7	78.1	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.9	
GE 3500	67.0	76.3	77.6	78.8	79.3	79.5	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.9	79.9	80.1	
GE 3000	68.1	77.8	79.2	80.5	81.0	81.4	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.7	81.7	81.9	
GE 2500	69.6	79.9	81.4	82.8	83.3	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.2	
GE 2000	71.4	82.6	84.3	85.7	86.2	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.2	
GE 1800	72.0	83.8	85.6	87.0	87.5	87.9	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.5	
GE 1500	72.7	85.1	87.3	89.0	89.6	90.1	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.8	
GE 1200	72.9	86.3	88.6	90.5	91.3	91.8	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.6	
GE 1000	73.0	86.9	89.6	91.6	92.3	93.0	93.2	93.4	93.5	93.5	93.6	93.6	93.6	93.7	93.7	93.9	
GE 900	73.1	87.4	90.2	92.2	93.1	93.8	94.1	94.3	94.4	94.5	94.5	94.5	94.5	94.6	94.6	94.8	
GE 800	73.1	87.6	90.4	92.5	93.4	94.1	94.5	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	95.1	
GE 700	73.1	87.7	90.6	92.9	93.9	94.7	95.0	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.6	
GE 600	73.2	87.8	90.8	93.4	94.4	95.2	95.6	96.1	96.2	96.3	96.4	96.4	96.4	96.5	96.5	96.7	
GE 500	73.2	88.1	91.1	93.8	95.0	95.8	96.3	96.8	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.4	
GE 400	73.2	88.3	91.5	94.5	95.9	96.7	97.2	97.9	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.5	
GE 300	73.2	88.3	91.5	94.7	96.2	97.0	97.6	98.5	98.6	98.6	98.9	98.9	98.9	99.0	99.0	99.4	
GE 200	73.2	88.3	91.5	94.7	96.2	97.0	97.6	98.5	98.6	98.6	99.0	99.0	99.0	99.2	99.2	99.7	
GE 100	73.2	88.3	91.5	94.7	96.2	97.0	97.6	98.5	98.6	98.6	99.0	99.0	99.1	99.2	99.2	100.0	
GE 0	73.2	88.3	91.5	94.7	96.2	97.0	97.6	98.5	98.6	98.6	99.0	99.0	99.1	99.2	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 1555

PERIOD OF RECORD: 64-84
MONTH: FEB HOURS(LST): 1200-1400

STATION NUMBER: 723930 STATION NAME: VANDENBLRG AFB CA

CEILING..... VISIBILITY IN STATUTE MILES

[illegible]

Wavelength (nm)	Spectral Irradiance (W/m²/nm)										Spectral Radiance (W/m²/nm/sr)										Spectral Power Density (W/m²/nm)													
	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000
350	0.0001	0.0002	0.0005	0.0010	0.0020	0.0040	0.0080	0.0150	0.0300	0.0600	0.1200	0.2400	0.4800	0.9600	1.9200	3.8400	7.6800	15.3600	30.7200	61.4400	122.8800	245.7600	491.5200	983.0400	1966.0800	3932.1600	7864.3200	15728.6400	31457.2800	62914.5600	125829.1200	251658.2400	503316.4800	1006632.9600
400	0.0002	0.0005	0.0010	0.0020	0.0040	0.0080	0.0150	0.0300	0.0600	0.1200	0.2400	0.4800	0.9600	1.9200	3.8400	7.6800	15.3600	30.7200	61.4400	122.8800	245.7600	491.5200	983.0400	1966.0800	3932.1600	7864.3200	15728.6400	31457.2800	62914.5600	125829.1200	251658.2400	503316.4800	1006632.9600	2013265.9200
450	0.0005	0.0010	0.0020	0.0040	0.0080	0.0150	0.0300	0.0600	0.1200	0.2400	0.4800	0.9600	1.9200	3.8400	7.6800	15.3600	30.7200	61.4400	122.8800	245.7600	491.5200	983.0400	1966.0800	3932.1600	7864.3200	15728.6400	31457.2800	62914.5600	125829.1200	251658.2400	503316.4800	1006632.9600	2013265.9200	4026531.8400
500	0.0010	0.0020	0.0040	0.0080	0.0150	0.0300	0.0600	0.1200	0.2400	0.4800	0.9600	1.9200	3.8400	7.6800	15.3600	30.7200	61.4400	122.8800	245.7600	491.5200	983.0400	1966.0800	3932.1600	7864.3200	15728.6400	31457.2800	62914.5600	125829.1200	251658.2400	503316.4800	1006632.9600	2013265.9200	4026531.8400	8053063.6800
550	0.0020	0.0040	0.0080	0.0150	0.0300	0.0600	0.1200	0.2400	0.4800	0.9600	1.9200	3.8400	7.6800	15.3600	30.7200	61.4400	122.8800	245.7600	491.5200	983.0400	1966.0800	3932.1600	7864.3200	15728.6400	31457.2800	62914.5600	125829.1200	251658.2400	503316.4800	1006632.9600	2013265.9200	4026531.8400	8053063.6800	16106127.3600
600	0.0040	0.0080	0.0150	0.0300	0.0600	0.1200	0.2400	0.4800	0.9600	1.9200	3.8400	7.6800	15.3600	30.7200	61.4400	122.8800	245.7600	491.5200	983.0400	1966.0800	3932.1600	7864.3200	15728.6400	31457.2800	62914.5600	125829.1200	251658.2400	503316.4800	1006632.9600	2013265.9200	4026531.8400	8053063.6800	16106127.3600	32212254.7200
650	0.0080	0.0150	0.0300	0.0600	0.1200	0.2400	0.4800	0.9600	1.9200	3.8400	7.6800	15.3600	30.7200	61.4400	122.8800	245.7600	491.5200	983.0400	1966.0800	3932.1600	7864.3200	15728.6400	31457.2800	62914.5600	125829.1200	251658.2400	503316.4800	1006632.9600	2013265.9200	4026531.8400	8053063.6800	16106127.3600	32212254.7200	64424509.4400
700	0.0150	0.0300	0.0600	0.1200	0.2400	0.4800	0.9600	1.9200	3.8400	7.6800	15.3600	30.7200	61.4400	122.8800	245.7600	491.5200	983.0400	1966.0800	3932.1600	7864.3200	15728.6400	31457.2800	62914.5600	125829.1200	251658.2400	503316.4800	1006632.9600	2013265.9200	4026531.8400	8053063.6800	16106127.3600	32212254.7200	64424509.4400	128849018.8800
750	0.0300	0.0600</																																

TOTAL NUMBER OF OBSERVATIONS: 1547

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-75-80-84
MONTH: FEB HOURS(LST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES												PERCENTAGE FREQUENCY			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
FEET	IN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NO CEIL	1	51.0	59.8	60.1	60.6	61.0	61.2	61.5	61.7	61.7	61.7	61.7	61.7	61.9	62.0	62.0	62.7
GE 20000	1	53.9	63.6	64.0	64.6	65.1	65.2	65.5	65.7	65.7	65.7	65.7	65.7	65.9	66.0	66.0	66.7
GE 18000	1	54.9	64.6	65.1	65.7	66.1	66.2	66.5	66.7	66.7	66.7	66.7	66.7	66.9	67.0	67.0	67.7
GE 16000	1	55.1	64.9	65.3	65.9	66.3	66.4	66.7	66.9	66.9	66.9	66.9	66.9	67.1	67.2	67.2	67.9
GE 14000	1	55.7	65.7	66.1	66.7	67.1	67.2	67.6	67.8	67.8	67.8	67.8	67.8	68.0	68.1	68.1	68.9
GE 12000	1	56.2	66.2	66.6	67.2	67.6	67.7	68.1	68.3	68.3	68.3	68.3	68.3	68.6	68.7	68.7	69.4
GE 10000	1	57.0	67.0	67.4	68.0	68.4	68.6	69.0	69.2	69.2	69.2	69.2	69.2	69.4	69.5	69.5	70.2
GE 9000	1	57.2	67.2	67.6	68.2	68.7	68.8	69.2	69.4	69.4	69.4	69.4	69.4	69.6	69.7	69.7	70.4
GE 8000	1	58.3	68.6	69.1	69.7	70.1	70.2	70.6	70.8	70.8	70.8	70.8	70.8	71.0	71.1	71.1	71.8
GE 7000	1	58.8	69.2	69.7	70.4	70.8	70.9	71.3	71.5	71.5	71.5	71.5	71.5	71.7	71.8	71.8	72.6
GE 6000	1	59.3	69.9	70.4	71.1	71.5	71.6	72.0	72.3	72.3	72.3	72.3	72.3	72.5	72.6	72.6	73.3
GE 5000	1	60.2	71.0	71.5	72.4	72.8	72.9	73.3	73.5	73.5	73.5	73.5	73.5	73.7	73.8	73.8	74.5
GE 4500	1	61.0	72.1	72.7	73.5	73.9	74.0	74.4	74.6	74.6	74.6	74.6	74.6	74.8	74.9	74.9	75.6
GE 4000	1	62.3	73.8	74.3	75.1	75.5	75.6	76.1	76.3	76.3	76.3	76.3	76.3	76.5	76.6	76.6	77.3
GE 3500	1	62.9	74.6	75.1	76.0	76.4	76.5	76.9	77.1	77.1	77.1	77.1	77.1	77.3	77.4	77.4	78.1
GE 3000	1	63.6	75.6	76.2	77.0	77.4	77.5	77.9	78.1	78.1	78.1	78.1	78.1	78.3	78.4	78.4	79.1
GE 2500	1	65.0	77.6	78.1	78.9	79.3	79.4	79.9	80.1	80.1	80.1	80.1	80.1	80.3	80.4	80.4	81.1
GE 2000	1	65.8	79.2	80.0	81.1	81.5	81.6	82.0	82.2	82.2	82.2	82.2	82.2	82.4	82.5	82.5	83.2
GE 1800	1	66.0	80.0	80.7	82.0	82.4	82.5	82.9	83.1	83.1	83.1	83.1	83.1	83.4	83.5	83.5	84.2
GE 1500	1	66.6	81.5	82.2	83.6	84.1	84.2	84.6	84.8	84.8	84.8	84.8	84.8	85.0	85.1	85.1	85.8
GE 1200	1	67.5	83.0	83.8	85.2	85.7	85.6	86.2	86.4	86.4	86.4	86.4	86.4	86.6	86.7	86.7	87.5
GE 1000	1	67.7	83.8	84.6	86.0	86.5	86.6	87.1	87.3	87.3	87.3	87.3	87.3	87.5	87.6	87.6	88.3
GE 900	1	68.1	84.8	85.7	87.2	87.7	87.8	88.2	88.4	88.4	88.4	88.4	88.4	88.6	88.7	88.7	89.4
GE 800	1	68.2	85.0	85.9	87.5	88.0	88.1	88.5	88.7	88.7	88.7	88.7	88.7	88.9	89.0	89.0	89.7
GE 700	1	68.2	85.4	86.5	88.1	88.6	88.7	89.2	89.4	89.4	89.4	89.4	89.4	89.6	89.7	89.8	90.5
GE 600	1	68.3	85.8	87.4	88.9	89.7	89.8	90.4	90.6	90.6	90.6	90.6	90.6	90.9	91.0	91.1	91.8
GE 500	1	68.3	86.1	87.6	89.3	90.5	90.6	91.3	91.5	91.5	91.5	91.5	91.5	91.7	92.0	92.1	92.8
GE 400	1	68.4	86.5	88.6	90.3	92.1	92.2	92.8	93.1	93.1	93.1	93.1	93.1	93.5	93.6	93.7	94.5
GE 300	1	68.4	87.1	89.1	91.3	93.4	93.6	94.2	94.6	94.6	94.6	94.6	94.6	95.0	95.1	95.2	96.0
GE 200	1	68.4	87.1	89.1	91.5	93.7	93.9	94.7	95.0	95.0	95.0	95.0	95.0	95.5	95.7	95.9	96.6
GE 100	1	68.4	87.1	89.1	91.5	93.7	93.9	94.7	95.0	95.0	95.0	95.0	95.0	95.7	95.9	96.3	97.2
GE 0	1	68.4	87.1	89.1	91.5	93.7	93.9	94.7	95.0	95.0	95.0	95.0	95.0	95.7	95.9	96.3	97.2
GE 0	1	68.4	87.1	89.1	91.5	93.7	93.9	94.7	95.0	95.0	95.0	95.0	95.0	95.7	95.9	96.3	97.2

TOTAL NUMBER OF OBSERVATIONS: 973

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-74.77
MONTH: FEB HOURS(LST): 2100-2300

CEILING IN FEET		VISIBILITY IN STATUTE MILES															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NO CEIL	1	52.8	63.1	63.8	64.3	64.5	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 20000	1	53.4	64.0	64.7	65.2	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 18000	1	54.2	64.8	65.5	66.0	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 16000	1	54.3	64.9	65.6	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 14000	1	55.2	66.0	66.7	67.2	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 12000	1	55.8	66.8	67.4	68.0	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 10000	1	57.1	68.0	68.7	69.2	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 9000	1	57.5	68.4	69.1	69.6	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 8000	1	57.8	69.0	69.6	70.2	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 7000	1	58.4	69.6	70.3	70.9	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 6000	1	58.7	70.3	71.0	71.5	71.6	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 5000	1	60.0	71.9	72.5	73.1	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 4500	1	60.4	72.6	73.3	73.8	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 4000	1	61.6	73.8	74.5	75.1	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 3500	1	62.4	74.6	75.3	75.8	75.9	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 3000	1	63.6	76.2	76.9	77.5	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 2500	1	64.2	77.7	78.5	79.0	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 2000	1	65.1	79.9	80.8	81.5	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 1800	1	65.3	80.8	81.7	82.3	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1500	1	66.6	83.3	84.2	84.9	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1200	1	67.0	84.9	85.8	86.9	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1000	1	67.3	85.5	86.4	87.6	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 900	1	67.5	85.9	86.8	88.0	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 800	1	67.7	86.9	87.7	89.1	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 700	1	67.7	87.0	87.9	89.2	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 600	1	67.7	87.0	88.0	89.3	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 500	1	67.7	87.6	88.9	90.3	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 400	1	67.7	88.1	89.3	90.6	91.1	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 300	1	67.7	88.2	89.6	91.3	91.6	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 200	1	67.7	88.3	89.7	91.4	91.9	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 100	1	67.7	88.3	89.7	91.4	91.9	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 0	1	67.7	88.3	89.7	91.4	91.9	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6

TOTAL NUMBER OF OBSERVATIONS: 906

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: FEB HOURS(IST): ALL

CEILING		VISIBILITY IN STATUTE MILES																PERIOD OF RECORD: 64-84			
		MONTH: FEB HOURS(IST): ALL																			
IN	FEET	1	2	3	4	5	6	10	1	2	3	4	5	1/4	1/2	3/4	5/8	1/2	5/16	1/4	0
NO	CEIL	1	53.4	60.9	61.5	61.9	62.2	62.2	62.4	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.7	62.8	62.9	63.2
GE	20000	56.2	64.6	65.2	65.7	66.0	66.0	66.0	66.2	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.5	66.5	66.7	66.8	67.1
GE	18000	56.7	65.2	65.9	66.3	66.6	66.6	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.2	67.3	67.4	67.7
GE	16000	56.9	65.6	66.3	66.7	67.0	67.0	67.1	67.3	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.6	67.7	67.9	68.2
GE	14000	57.9	66.9	67.5	68.0	68.4	68.4	68.4	68.7	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	69.0	69.1	69.2	69.5
GE	12000	58.7	67.9	68.6	69.0	69.4	69.4	69.5	69.7	69.8	69.8	69.8	69.8	69.9	69.9	69.9	70.0	70.0	70.1	70.2	70.6
GE	10000	59.9	69.2	69.9	70.4	70.8	70.8	70.9	71.1	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.4	71.4	71.5	71.7	72.0
GE	9000	60.2	69.6	70.3	70.8	71.2	71.2	71.2	71.5	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.8	71.8	71.9	72.0	72.4
GE	8000	60.8	70.4	71.1	71.6	72.0	72.0	72.1	72.3	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.6	72.7	72.8	72.9	73.2
GE	7000	61.4	71.1	71.8	72.3	72.7	72.7	72.8	73.0	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.4	73.5	73.6	73.7	74.0
GE	6000	62.2	72.1	72.9	73.5	73.9	73.9	74.0	74.2	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.5	74.6	74.7	74.8	75.1
GE	5000	63.0	73.3	74.1	74.7	75.1	75.1	75.2	75.4	75.5	75.5	75.5	75.5	75.6	75.7	75.7	75.8	75.9	76.0	76.0	76.3
GE	4500	63.6	74.2	75.0	75.7	76.1	76.1	76.2	76.4	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.7	76.8	77.0	77.0	77.3
GE	4000	64.6	75.5	76.3	77.0	77.4	77.4	77.5	77.7	77.8	77.8	77.8	77.8	77.9	77.9	77.9	78.0	78.1	78.3	78.3	78.6
GE	3500	65.2	76.5	77.4	78.1	78.5	78.5	78.6	78.8	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.1	79.2	79.4	79.4	79.7
GE	3000	66.3	78.0	79.0	79.7	80.1	80.1	80.3	80.5	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.8	80.9	81.1	81.1	81.4
GE	2500	67.3	79.6	80.5	81.3	81.8	81.8	81.9	82.1	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.4	82.5	82.6	82.7	83.1
GE	2000	68.8	81.9	83.0	83.9	84.3	84.3	84.5	84.7	84.8	84.8	84.8	84.8	84.9	84.9	84.9	85.0	85.1	85.2	85.3	85.6
GE	1800	69.3	82.9	84.1	85.0	85.5	85.5	85.6	85.8	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.2	86.3	86.5	86.5	86.8
GE	1500	70.2	84.6	86.0	87.0	87.6	87.6	87.7	88.0	88.1	88.1	88.1	88.1	88.2	88.3	88.3	88.4	88.5	88.6	88.6	89.0
GE	1200	70.6	85.8	87.3	88.5	89.1	89.1	89.3	89.6	89.8	89.8	89.8	89.8	89.9	89.9	89.9	90.0	90.1	90.2	90.3	90.6
GE	1000	70.9	86.5	88.1	89.3	90.0	90.0	90.3	90.6	90.8	90.8	90.8	90.8	90.9	91.0	91.0	91.0	91.1	91.2	91.3	91.7
GE	900	71.0	86.9	88.5	89.8	90.6	90.6	90.9	91.2	91.4	91.4	91.4	91.4	91.5	91.6	91.6	91.6	91.7	91.8	92.0	92.3
GE	800	71.0	87.3	88.9	90.3	91.1	91.1	91.4	91.8	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.2	92.3	92.4	92.5	92.8
GE	700	71.1	87.6	89.3	90.8	91.6	91.6	92.0	92.3	92.5	92.5	92.5	92.5	92.6	92.7	92.7	92.8	92.9	93.1	93.4	93.7
GE	600	71.2	87.8	89.7	91.3	92.3	92.3	92.6	93.1	93.3	93.3	93.3	93.3	93.5	93.5	93.5	93.6	93.7	93.8	93.9	94.2
GE	500	71.2	88.2	90.2	92.0	93.1	93.1	93.5	94.0	94.2	94.2	94.2	94.2	94.4	94.5	94.5	94.6	94.7	94.9	95.2	95.6
GE	400	71.2	88.4	90.6	92.5	93.8	93.8	94.2	94.8	95.2	95.2	95.2	95.2	95.4	95.5	95.5	95.6	95.7	95.9	96.3	96.7
GE	300	71.2	88.6	90.7	92.8	94.2	94.2	94.7	95.3	95.8	95.8	95.8	95.8	96.1	96.3	96.3	96.4	96.6	96.8	97.3	97.7
GE	200	71.2	88.6	90.7	92.9	94.3	94.3	94.8	95.5	96.1	96.2	96.2	96.2	96.5	96.7	96.7	96.8	97.0	97.2	97.8	98.7
GE	100	71.2	88.6	90.7	92.9	94.3	94.3	94.8	95.5	96.1	96.2	96.2	96.2	96.5	96.7	96.7	96.8	97.1	97.3	98.1	99.6
GE	0	71.2	88.6	90.7	92.9	94.3	94.3	94.8	95.5	96.1	96.2	96.2	96.2	96.5	96.7	96.7	96.8	97.1	97.3	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 9405

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-74.78
MONTH: MAR HOURS(IST): 0000-0200

CEILING

VISIBILITY IN STATUTE MILES

IN FEET	1	GE	10	GE	5	GE	4	GE	3	2	1/2	2	1	1/2	1	3/4	GE	5/8	1/2	GE	5/16	1/4	GE	U
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NO CEIL	45.5	56.7	57.7	58.0	58.4	56.4	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 20000	45.9	57.7	58.7	59.0	59.4	59.4	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 18000	46.2	57.9	58.9	59.2	59.6	59.6	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 16000	46.9	58.7	59.6	59.9	60.4	60.4	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 14000	47.3	59.1	60.0	60.4	60.8	60.8	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 12000	48.4	60.1	61.1	61.4	61.9	61.9	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 10000	49.3	61.1	62.1	62.4	62.8	62.8	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 9000	49.4	61.4	62.4	62.7	63.1	63.1	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 8000	49.8	62.0	62.9	63.2	63.7	63.7	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 7000	50.3	62.7	63.7	64.0	64.4	64.4	64.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 6000	51.5	64.0	65.0	65.3	65.7	65.7	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 5000	51.9	64.5	65.5	65.8	66.2	66.2	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 4500	52.2	64.9	65.8	66.1	66.6	66.6	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 4000	52.8	65.6	66.6	66.9	67.3	67.3	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 3500	53.4	66.6	67.5	67.8	68.3	68.3	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 3000	54.2	67.7	68.7	69.0	69.4	69.4	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 2500	56.0	70.9	71.9	72.2	72.8	72.8	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 2000	58.3	73.6	74.6	74.9	75.4	75.4	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 1800	58.5	74.3	75.2	75.5	76.1	76.1	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 1500	59.8	76.5	77.5	77.8	78.3	78.3	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 1200	60.5	78.6	79.6	79.9	80.4	80.4	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1000	60.8	79.4	80.3	80.7	81.3	81.3	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 900	60.9	80.3	81.5	81.8	82.5	82.5	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 800	61.0	80.8	81.9	82.5	83.1	83.1	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 700	61.2	81.1	82.3	82.8	83.4	83.4	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 600	61.2	81.7	83.3	83.9	84.6	84.6	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 500	61.2	82.5	84.3	84.8	86.0	86.0	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 400	61.2	83.3	85.5	86.0	87.4	87.4	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 300	61.2	83.7	86.0	86.8	88.5	88.5	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 200	61.2	83.8	86.2	87.0	88.9	88.9	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 100	61.2	83.8	86.2	87.0	89.0	89.0	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 0	61.2	83.8	86.2	87.0	89.0	89.0	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3

TOTAL NUMBER OF OBSERVATIONS: 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-84
MONTH: MAR HOURS(LST): 0600-0800

		VISIBILITY IN STATUTE MILES																			
CEILING		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET		10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0				
NO CEIL		1	46.6	52.6	53.6	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 20000	49.1	55.6	56.1	56.3	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 18000	49.3	55.8	56.3	56.5	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 16000	49.5	56.1	56.5	56.7	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 14000	50.3	56.9	57.3	57.5	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 12000	50.9	57.6	58.1	58.3	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 10000	52.3	59.1	59.5	59.8	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 9000	52.6	59.4	59.8	60.1	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 8000	52.8	59.6	60.1	60.4	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 7000	53.2	60.1	60.5	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 6000	53.2	60.2	60.7	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 5000	54.6	61.8	62.2	62.5	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 4500	55.4	62.8	63.3	63.6	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 4000	56.3	63.8	64.4	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 3500	57.2	65.1	65.7	66.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 3000	58.6	67.2	67.9	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 2500	60.9	70.7	71.4	71.8	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 2000	62.4	73.4	74.2	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 1800	62.9	74.2	75.0	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 1500	63.9	76.8	77.7	78.1	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 1200	64.5	77.7	78.6	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 1000	64.9	78.9	80.0	80.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 900	64.9	79.4	80.5	81.1	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 800	65.0	79.7	81.1	81.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 700	65.1	79.9	81.5	82.1	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 600	65.2	80.1	82.0	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 500	65.3	80.4	82.6	83.2	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 400	65.3	80.8	83.2	83.8	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 300	65.3	80.8	83.3	83.9	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 200	65.3	81.0	83.4	84.0	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 100	65.3	81.0	83.4	84.0	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 0	65.3	81.0	83.4	84.0	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8

TOTAL NUMBER OF OBSERVATIONS: 1347

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: MAR HOURS(LST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES											
IN	FEET	1	2	3	4	5	6	7	8	9	10	11	12
1	10	1	2	3	4	5	6	7	8	9	10	11	12
NO CEIL	1 52.0	57.0	57.5	57.8	58.0	58.0	58.0	58.1	58.1	58.2	58.3	58.3	58.4
GE 20000	56.0	61.9	62.7	63.1	63.4	63.4	63.4	63.4	63.5	63.6	63.7	63.7	63.8
GE 18000	56.4	62.3	63.0	63.5	63.8	63.8	63.8	63.8	63.9	64.0	64.1	64.1	64.2
GE 16000	56.5	62.4	63.2	63.7	63.9	63.9	63.9	64.0	64.1	64.2	64.3	64.3	64.3
GE 14000	57.2	63.2	64.0	64.5	64.7	64.7	64.7	64.8	64.9	65.0	65.1	65.1	65.1
GE 12000	58.3	64.6	65.3	65.9	66.1	66.1	66.1	66.2	66.3	66.4	66.4	66.4	66.5
GE 10000	60.0	66.7	67.6	68.2	68.4	68.4	68.4	68.4	68.6	68.6	68.7	68.7	68.8
GE 9000	60.2	66.8	67.8	68.3	68.6	68.6	68.6	68.6	68.7	68.8	68.9	68.9	69.0
GE 8000	61.1	67.8	68.7	69.3	69.5	69.5	69.5	69.6	69.7	69.8	69.9	69.9	69.9
GE 7000	61.4	68.3	69.3	69.9	70.1	70.1	70.1	70.2	70.3	70.4	70.4	70.4	70.5
GE 6000	61.9	68.8	69.6	70.4	70.6	70.6	70.6	70.7	70.8	70.8	71.0	71.0	71.0
GE 5000	63.5	70.5	71.5	72.0	72.3	72.3	72.3	72.3	72.4	72.5	72.6	72.6	72.7
GE 4500	64.7	72.3	73.3	73.9	74.1	74.1	74.1	74.2	74.3	74.4	74.4	74.4	74.5
GE 4000	65.6	73.4	74.4	75.0	75.2	75.2	75.2	75.2	75.4	75.4	75.5	75.5	75.6
GE 3500	66.4	74.5	75.6	76.2	76.4	76.4	76.4	76.5	76.6	76.7	76.8	76.8	76.8
GE 3000	68.2	77.2	78.4	79.0	79.2	79.2	79.2	79.3	79.4	79.5	79.6	79.6	79.6
GE 2500	69.4	78.8	80.3	81.0	81.2	81.2	81.2	81.2	81.4	81.4	81.5	81.5	81.6
GE 2000	71.2	81.2	82.7	83.9	84.2	84.2	84.2	84.2	84.4	84.4	84.6	84.6	84.6
GE 1800	71.8	82.2	83.7	85.0	85.2	85.2	85.2	85.2	85.4	85.5	85.6	85.6	85.6
GE 1500	73.5	85.0	86.6	87.9	88.3	88.3	88.3	88.3	88.5	88.6	88.7	88.7	88.7
GE 1200	74.6	86.6	88.5	90.0	90.4	90.4	90.4	90.5	90.7	90.8	90.9	90.9	90.9
GE 1000	74.7	87.8	89.8	91.4	91.9	92.0	92.0	92.2	92.3	92.4	92.5	92.5	92.6
GE 900	74.8	88.5	90.6	92.4	93.0	93.1	93.1	93.3	93.5	93.5	93.7	93.7	93.7
GE 800	74.8	88.7	90.9	93.0	93.5	93.5	93.5	93.9	94.2	94.2	94.3	94.3	94.4
GE 700	74.8	89.0	91.2	93.4	94.1	94.1	94.1	94.4	94.7	94.7	94.9	94.9	94.9
GE 600	74.9	89.5	91.6	94.1	94.8	94.9	94.9	95.2	95.5	95.5	95.7	95.7	95.7
GE 500	75.0	89.9	92.3	95.0	96.0	96.1	96.1	96.6	96.9	97.0	97.1	97.1	97.1
GE 400	75.1	90.0	92.5	95.3	96.4	96.6	96.6	97.1	97.4	97.5	97.7	97.8	97.8
GE 300	75.1	90.1	92.6	95.5	96.7	97.0	97.0	97.6	98.3	98.5	98.9	99.1	99.2
GE 200	75.1	90.1	92.6	95.5	96.7	97.0	97.0	97.7	98.5	98.6	99.0	99.3	99.3
GE 100	75.1	90.1	92.6	95.5	96.7	97.0	97.0	97.7	98.5	98.6	99.0	99.3	99.6
GE 0	75.1	90.1	92.6	95.5	96.7	97.0	97.0	97.7	98.5	98.6	99.0	99.3	99.6
GE 0	75.1	90.1	92.6	95.5	96.7	97.0	97.0	97.7	98.5	98.6	99.0	99.3	99.6

TOTAL NUMBER OF OBSERVATIONS: 1749

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: MAR HOURS(LST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE	10		6		5		4		3		2 1/2		2		1 1/2	
		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
NO CEIL	1	52.5	57.9	58.6	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 20000	1	56.2	62.2	62.9	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 18000	1	56.8	62.8	63.5	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 16000	1	57.7	63.7	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 14000	1	58.7	65.0	65.8	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 12000	1	59.5	66.3	67.1	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 10000	1	60.9	68.1	69.0	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 9000	1	61.0	68.2	69.2	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 8000	1	61.6	69.0	70.0	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 7000	1	62.2	69.7	70.8	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 6000	1	62.5	70.1	71.2	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 5000	1	63.3	71.3	72.3	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 4500	1	63.8	71.9	72.9	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 4000	1	65.0	73.5	74.6	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 3500	1	66.0	74.6	75.7	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 3000	1	66.7	76.1	77.4	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 2500	1	68.6	78.3	79.6	80.2	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 2000	1	70.4	81.3	82.7	83.6	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 1800	1	71.1	82.1	83.7	84.7	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 1500	1	72.5	84.0	85.6	86.6	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1200	1	73.3	85.6	87.3	88.5	88.6	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1000	1	74.1	86.9	89.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 900	1	74.4	87.5	89.9	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 800	1	74.6	87.8	90.2	91.9	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 700	1	74.9	88.4	90.9	92.7	92.9	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 600	1	75.3	89.1	92.0	93.9	94.2	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 500	1	75.4	89.5	92.5	94.8	95.5	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 400	1	75.4	89.6	92.7	95.4	96.4	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 300	1	75.4	89.6	92.8	95.5	96.4	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 200	1	75.4	89.6	92.8	95.5	96.4	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 100	1	75.4	89.6	92.8	95.5	96.4	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 01	1	75.4	89.6	92.8	95.5	96.4	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS: 1731

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-74,78,82,84
MONTH: MAR HOURS(LST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES																PERCENTAGE			
IN	FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NO	CEIL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
GE	20000	45.6	56.9	57.1	57.4	57.6	57.6	57.6	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	18000	45.8	57.1	57.3	57.6	57.8	57.8	57.8	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	16000	46.4	57.7	57.9	58.2	58.4	58.4	58.4	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	14000	47.0	58.7	58.9	59.2	59.4	59.4	59.4	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	12000	48.2	60.0	60.2	60.5	60.7	60.7	60.7	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	10000	49.5	61.4	61.6	61.9	62.1	62.1	62.1	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	9000	49.5	61.4	61.6	61.9	62.1	62.1	62.1	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	8000	49.9	61.9	62.1	62.4	62.5	62.5	62.5	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	7000	50.3	62.5	62.7	63.0	63.2	63.2	63.2	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	6000	51.3	63.6	63.8	64.1	64.3	64.3	64.3	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	5000	51.7	64.0	64.2	64.5	64.7	64.7	64.7	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	4500	52.1	64.7	64.9	65.2	65.4	65.4	65.4	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	4000	52.3	65.0	65.2	65.5	65.7	65.7	65.7	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	3500	52.9	66.2	66.4	66.7	66.9	66.9	66.9	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	3000	53.4	67.2	67.4	67.7	67.9	67.9	67.9	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	2500	54.9	69.5	69.7	70.1	70.3	70.3	70.3	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	2000	57.2	72.9	73.3	73.8	74.0	74.0	74.0	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	1800	58.2	74.3	74.7	75.2	75.4	75.4	75.4	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	1500	59.1	75.7	76.2	76.7	76.9	76.9	76.9	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	1200	60.0	78.5	79.0	79.5	79.7	79.7	79.7	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	1000	60.9	80.2	80.7	81.3	81.5	81.5	81.5	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	900	61.1	81.3	81.9	82.6	82.8	82.8	82.8	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	800	61.2	81.8	82.4	83.1	83.3	83.3	83.3	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	700	61.7	82.9	83.5	84.2	84.4	84.4	84.4	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	600	61.8	83.6	84.4	85.1	85.5	85.5	85.5	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	500	62.0	84.3	85.5	86.5	87.2	87.2	87.2	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	400	62.1	85.1	86.9	88.0	88.8	88.8	88.8	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	300	62.1	85.3	87.2	88.4	89.3	89.3	89.3	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	200	62.1	85.3	87.3	88.7	89.7	89.7	89.7	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	100	62.1	85.3	87.3	88.7	89.7	89.7	89.7	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4
GE	0	62.1	85.3	87.3	88.7	89.7	89.7	89.7	56.3	56.3	56.3	56.6	56.6	56.8	56.8	56.9	56.9	56.9	57.3	57.4	57.4

TOTAL NUMBER OF OBSERVATIONS: 1004

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/WAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: MAR HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES										PERIOD OF RECORD: 64-84													
	10	GE	6	GE	5	GE	4	GE	3	2 1/2	GE	2	1 1/2	1 1/4	GE	1	3/4	5/8	1/2	5/16	GE	1/4	GE	0
NO CEIL	49.7	57.0	57.5	57.8	58.0	58.0	58.0	58.1	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.5	58.5	58.8	58.8
GE 20000	52.4	60.3	60.8	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.6	61.7	61.8	61.8	62.0	62.0	62.3	62.3
GE 18000	52.7	60.7	61.2	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	62.0	62.1	62.2	62.2	62.4	62.4	62.7	62.7
GE 16000	53.1	61.2	61.7	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.5	62.6	62.7	62.7	62.9	62.9	63.2	63.2
GE 14000	53.8	62.1	62.7	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.4	63.5	63.6	63.6	63.9	63.9	64.2	64.2
GE 12000	54.9	63.3	63.9	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.7	64.8	64.9	64.9	65.1	65.1	65.4	65.4
GE 10000	56.2	64.9	65.5	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.3	66.4	66.5	66.5	66.7	66.7	67.0	67.0
GE 9000	56.3	65.0	65.6	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.4	66.4	66.5	66.5	66.7	66.7	67.2	67.2
GE 8000	56.9	65.7	66.3	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.1	67.2	67.3	67.3	67.5	67.5	67.9	67.9
GE 7000	57.4	66.4	67.0	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.8	67.9	68.0	68.0	68.3	68.3	68.6	68.6
GE 6000	58.0	67.1	67.7	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.5	68.6	68.7	68.7	69.0	69.0	69.3	69.3
GE 5000	58.9	68.1	68.8	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.6	69.7	69.8	69.8	70.0	70.0	70.4	70.4
GE 4500	59.6	69.1	69.7	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.6	70.7	70.8	70.8	71.0	71.0	71.3	71.3
GE 4000	60.4	70.1	70.8	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.6	71.7	71.8	71.9	72.1	72.1	72.4	72.4
GE 3500	61.2	71.2	72.0	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.8	72.9	73.0	73.0	73.2	73.2	73.6	73.6
GE 3000	62.3	72.9	73.7	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.5	74.6	74.7	74.8	75.0	75.0	75.3	75.3
GE 2500	63.9	75.2	76.1	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	77.0	77.2	77.3	77.3	77.5	77.5	77.8	77.8
GE 2000	65.6	77.8	78.6	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	80.0	80.2	80.3	80.3	80.5	80.5	80.8	80.8
GE 1800	66.2	78.8	79.8	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.1	81.3	81.4	81.4	81.6	81.6	82.0	82.0
GE 1500	67.6	80.9	82.0	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.4	83.7	83.8	83.8	84.1	84.1	84.4	84.4
GE 1200	68.5	82.8	84.0	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.7	85.9	86.0	86.0	86.2	86.2	86.6	86.6
GE 1000	69.0	84.0	85.3	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.1	87.1	87.1	87.2	87.4	87.5	87.5	87.8	87.8	88.1	88.1
GE 900	69.2	84.7	86.1	87.3	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.1	88.1	88.1	88.2	88.4	88.5	88.5	88.8	88.8	89.1	89.1
GE 800	69.3	85.1	86.5	87.9	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.7	88.7	88.7	88.9	89.1	89.2	89.2	89.5	89.5	89.8	89.8
GE 700	69.5	85.6	87.2	88.6	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.6	89.6	89.6	89.7	89.9	90.1	90.1	90.3	90.3	90.6	90.6
GE 600	69.6	86.1	87.9	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.5	90.5	90.5	90.7	90.9	91.0	91.0	91.3	91.3	91.6	91.6
GE 500	69.7	86.5	88.4	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.8	91.8	91.8	92.1	92.3	92.4	92.4	92.7	92.7	93.0	93.0
GE 400	69.7	86.8	88.9	91.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	93.0	93.0	93.0	93.4	93.7	93.8	93.9	94.2	94.2	94.5	94.5
GE 300	69.8	86.9	89.1	91.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.7	93.7	93.7	94.6	94.8	94.9	95.1	95.4	95.4	95.9	95.9
GE 200	69.8	86.9	89.2	91.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	94.0	94.0	94.0	94.9	95.2	95.6	96.0	96.1	96.7	97.8	97.8
GE 100	69.8	86.9	89.2	91.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	94.1	94.1	94.1	94.8	95.3	95.8	96.2	96.4	97.3	99.7	99.7
GE 01	69.8	86.9	89.2	91.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	94.1	94.1	94.1	94.8	95.3	95.8	96.2	96.4	97.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 10523

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-73,62-83
MONTH: APR HOURS(IST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES																			
IN	FEET	1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	GE	GE	GE	GE
NO CEIL	44.6	56.5	57.1	57.1	57.1	57.1	57.1	57.1	57.4	57.4	57.4	57.6	58.0	58.0	58.0	58.1	58.6	59.7			
GE 20000	45.0	57.4	58.0	58.0	58.0	58.0	58.0	58.0	58.3	58.3	58.3	58.5	58.8	58.8	58.8	59.0	59.5	60.6			
GE 18000	45.0	57.4	58.0	58.0	58.0	58.0	58.0	58.0	58.3	58.3	58.3	58.5	58.8	58.8	58.8	59.0	59.5	60.6			
GE 16000	45.4	57.7	58.3	58.3	58.3	58.3	58.3	58.3	58.6	58.6	58.6	58.8	59.2	59.2	59.2	59.4	59.8	61.0			
GE 14000	45.6	58.0	58.5	58.5	58.5	58.5	58.5	58.5	58.8	58.8	58.8	59.1	59.4	59.4	59.4	59.5	60.1	61.2			
GE 12000	45.8	58.2	58.7	58.7	58.7	58.7	58.7	58.7	59.1	59.1	59.1	59.3	59.6	59.6	59.6	59.7	60.3	61.4			
GE 10000	46.3	59.0	59.5	59.5	59.5	59.5	59.5	59.5	59.8	59.8	59.8	60.1	60.4	60.4	60.4	60.5	61.1	62.2			
GE 9000	46.3	59.1	59.6	59.6	59.6	59.6	59.6	59.6	60.0	60.0	60.0	60.2	60.5	60.5	60.5	60.6	61.2	62.3			
GE 8000	46.5	59.5	60.1	60.1	60.1	60.1	60.1	60.1	60.4	60.4	60.4	60.6	61.0	61.0	61.0	61.1	61.6	62.7			
GE 7000	46.9	60.0	60.5	60.5	60.5	60.5	60.5	60.5	60.8	60.8	60.8	61.1	61.4	61.4	61.4	61.5	62.1	63.2			
GE 6000	47.1	60.2	60.7	60.7	60.7	60.7	60.7	60.7	61.1	61.1	61.1	61.3	61.6	61.6	61.6	61.7	62.3	63.4			
GE 5000	48.2	61.4	61.9	61.9	61.9	61.9	61.9	61.9	62.3	62.3	62.3	62.5	62.8	62.8	62.8	62.9	63.5	64.6			
GE 4500	48.8	61.9	62.5	62.5	62.5	62.5	62.5	62.5	62.8	62.8	62.8	63.1	63.4	63.4	63.4	63.5	64.0	65.2			
GE 4000	50.1	63.5	64.0	64.0	64.0	64.0	64.0	64.0	64.4	64.4	64.4	64.6	64.9	64.9	64.9	65.0	65.6	66.7			
GE 3500	51.0	64.5	65.0	65.0	65.0	65.0	65.0	65.0	65.4	65.4	65.4	65.6	65.9	65.9	65.9	66.0	66.6	67.7			
GE 3000	52.2	66.0	66.6	66.6	66.6	66.6	66.6	66.6	66.9	66.9	66.9	67.1	67.5	67.5	67.5	67.6	68.1	69.2			
GE 2500	53.4	68.4	69.1	69.1	69.1	69.1	69.1	69.1	69.5	69.5	69.5	69.7	70.0	70.0	70.0	70.1	70.7	71.8			
GE 2000	54.5	70.6	71.6	71.6	71.6	71.6	71.6	71.6	71.9	71.9	71.9	72.1	72.5	72.5	72.5	72.6	73.1	74.2			
GE 1800	55.3	71.8	72.8	72.8	72.8	72.8	72.8	72.8	73.1	73.1	73.1	73.3	73.7	73.7	73.7	73.8	74.3	75.4			
GE 1500	55.9	73.2	74.7	74.7	74.7	74.7	74.7	74.7	75.2	75.2	75.2	75.4	75.8	75.8	75.8	75.9	76.4	77.5			
GE 1200	56.4	75.1	76.5	76.5	76.5	76.5	76.5	76.5	77.1	77.1	77.1	77.3	77.7	77.7	77.7	77.8	78.3	79.4			
GE 1000	56.5	76.0	77.4	77.4	77.4	77.4	77.4	77.4	78.0	78.0	78.0	78.2	78.5	78.5	78.5	78.7	79.2	80.3			
GE 900	56.7	76.7	78.1	78.1	78.1	78.1	78.1	78.1	78.9	78.9	78.9	79.1	79.4	79.4	79.4	79.5	80.1	81.2			
GE 800	57.1	78.0	79.5	79.5	79.5	79.5	79.5	79.5	80.5	80.5	80.5	80.8	81.1	81.1	81.1	81.2	81.7	82.9			
GE 700	57.5	79.5	81.2	81.2	81.2	81.2	81.2	81.2	82.4	82.4	82.4	82.6	83.1	83.1	83.1	83.2	83.7	84.8			
GE 600	57.7	80.6	82.4	82.4	82.4	82.4	82.4	82.4	83.6	83.6	83.6	84.0	84.4	84.4	84.4	84.5	85.1	86.2			
GE 500	57.9	81.6	83.4	83.4	83.4	83.4	83.4	83.4	85.1	85.1	85.1	85.4	85.8	85.8	85.8	86.0	86.5	87.7			
GE 400	57.9	83.2	85.2	85.2	85.2	85.2	85.2	85.2	87.4	87.4	87.4	87.5	88.2	88.2	88.2	88.3	88.8	90.0			
GE 300	57.9	83.7	85.7	85.7	85.7	85.7	85.7	85.7	88.9	88.9	88.9	89.2	89.7	89.7	89.7	90.2	90.9	92.3			
GE 200	57.9	83.8	85.8	85.8	85.8	85.8	85.8	85.8	89.4	89.4	89.4	90.2	91.6	91.6	91.6	92.0	93.5	96.0			
GE 100	57.9	83.8	85.6	85.6	85.6	85.6	85.6	85.6	89.5	89.5	89.5	90.4	91.5	91.5	91.5	92.7	95.4	99.1			
GE 01	57.9	83.8	85.8	85.8	85.8	85.8	85.8	85.8	89.5	89.5	89.5	90.4	91.5	91.5	91.5	92.7	95.4	100.0			

TOTAL NUMBER OF OBSERVATIONS: 904

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-73,82-83
MONTH: APR HOURS(IST): 0300-0500

CEILING IN FEET		VISIBILITY IN STATUTE MILES																			
		GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0			
NO CEIL	42.1	51.1	52.0	52.0	52.0	52.2	52.2	52.2	52.3	52.3	52.3	52.5	52.8	52.9	52.9	53.0	53.7	54.0			
6E 20000	43.1	52.1	53.0	53.0	53.0	53.2	53.2	53.2	53.3	53.3	53.3	53.5	53.8	53.9	53.9	54.0	54.7	55.0			
6E 18000	43.1	52.1	53.0	53.0	53.0	53.2	53.2	53.2	53.3	53.3	53.3	53.5	53.8	53.9	53.9	54.0	54.7	55.0			
6E 16000	43.1	52.1	53.0	53.0	53.0	53.2	53.2	53.2	53.3	53.3	53.3	53.5	53.8	53.9	53.9	54.0	54.7	55.0			
6E 14000	43.2	52.5	53.4	53.4	53.4	53.7	53.7	53.7	53.8	53.8	53.8	54.0	54.2	54.3	54.3	54.4	55.1	55.4			
6E 12000	43.2	52.5	53.4	53.4	53.4	53.7	53.7	53.7	53.8	53.8	53.8	54.0	54.2	54.3	54.3	54.4	55.1	55.4			
6E 10000	43.6	53.1	54.0	54.0	54.0	54.2	54.2	54.2	54.3	54.3	54.3	54.5	54.8	54.9	54.9	55.0	55.7	56.0			
6E 9000	43.7	53.3	54.2	54.2	54.2	54.4	54.4	54.4	54.5	54.5	54.5	54.8	55.0	55.1	55.1	55.2	55.9	56.2			
6E 8000	43.9	53.9	54.8	54.8	54.8	55.0	55.0	55.0	55.1	55.1	55.1	55.3	55.5	55.7	55.7	55.8	56.4	56.8			
6E 7000	44.7	54.7	55.5	55.5	55.5	55.8	55.8	55.8	55.9	55.9	55.9	56.1	56.3	56.4	56.4	56.5	57.2	57.5			
6E 6000	45.7	55.9	56.8	56.8	56.8	57.0	57.0	57.0	57.1	57.1	57.1	57.3	57.5	57.6	57.6	57.8	58.4	58.8			
6E 5000	47.5	57.6	58.5	58.5	58.5	58.8	58.8	58.8	58.9	58.9	58.9	59.1	59.3	59.4	59.4	59.5	60.2	60.5			
6E 4500	48.8	59.0	59.9	59.9	59.9	60.1	60.1	60.1	60.2	60.2	60.2	60.4	60.6	60.8	60.8	60.9	61.5	61.9			
6E 4000	50.1	60.4	61.3	61.3	61.3	61.5	61.5	61.5	61.6	61.6	61.6	61.9	62.1	62.2	62.2	62.3	63.0	63.3			
6E 3500	50.4	61.3	62.2	62.2	62.2	62.4	62.4	62.4	62.5	62.5	62.5	62.7	63.0	63.1	63.1	63.2	63.9	64.2			
6E 3000	51.8	63.3	64.2	64.2	64.2	64.4	64.4	64.4	64.5	64.5	64.5	64.7	65.0	65.1	65.1	65.2	65.9	66.2			
6E 2500	53.2	65.5	66.5	66.5	66.5	66.7	66.7	66.7	66.9	66.9	66.9	67.1	67.3	67.4	67.4	67.5	68.2	68.5			
6E 2000	54.4	67.7	68.8	68.8	68.8	69.1	69.1	69.1	69.2	69.2	69.2	69.4	69.6	69.7	69.7	69.8	70.5	70.8			
6E 1800	54.8	68.6	69.7	69.7	69.7	70.1	70.1	70.1	70.2	70.2	70.2	70.4	70.6	70.7	70.7	70.8	71.5	71.8			
6E 1500	55.8	70.6	71.8	71.8	71.8	72.3	72.3	72.3	72.4	72.4	72.4	72.6	72.8	72.9	72.9	73.1	73.7	74.1			
6E 1200	56.8	72.5	73.9	73.9	73.9	74.4	74.4	74.4	74.5	74.5	74.5	74.7	74.9	75.1	75.1	75.2	75.8	76.2			
6E 1000	57.0	73.3	74.9	74.9	74.9	75.5	75.5	75.5	75.6	75.6	75.6	75.8	76.1	76.2	76.2	76.3	76.9	77.3			
6E 900	57.1	73.9	75.4	75.4	75.4	76.6	76.6	76.6	76.7	76.7	76.7	76.9	77.2	77.3	77.3	77.4	78.0	78.4			
6E 800	57.3	75.2	77.4	77.4	77.4	78.3	78.3	78.3	78.4	78.4	78.4	78.5	78.7	78.9	79.0	79.2	79.8	80.2			
6E 700	57.9	76.5	78.9	78.9	78.9	80.3	80.3	80.3	80.4	80.4	80.4	80.7	80.9	81.0	81.0	81.2	81.8	82.2			
6E 600	58.0	77.5	79.9	79.9	79.9	81.4	81.4	81.4	81.6	81.6	81.6	81.9	82.2	82.3	82.3	82.4	83.0	83.4			
6E 500	58.0	78.6	81.2	81.2	81.2	82.8	82.8	82.8	83.1	83.1	83.1	83.5	83.7	83.8	83.8	83.9	84.6	85.0			
6E 400	58.0	80.5	83.4	83.4	83.4	85.7	85.7	85.7	86.3	86.3	86.3	86.9	87.1	87.4	87.4	87.6	88.5	88.9			
6E 300	58.0	80.7	83.7	83.7	83.7	86.5	86.5	86.5	87.8	87.8	87.8	88.4	88.9	89.4	89.6	90.0	91.2	91.7			
6E 200	58.1	80.8	83.8	83.8	83.8	86.7	86.7	86.7	88.5	88.5	88.5	89.1	89.8	90.5	91.1	91.4	93.6	95.3			
6E 100	58.1	80.8	83.8	83.8	83.8	86.7	86.7	86.7	88.7	88.7	88.7	89.4	90.0	90.7	91.4	91.7	95.1	96.8			
GE 0	58.1	80.8	83.8	83.8	83.8	86.7	86.7	86.7	88.7	88.7	88.7	89.4	90.0	90.7	91.4	91.7	95.3	100.0			

TOTAL NUMBER OF OBSERVATIONS: 902

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBURG AFB CA PERIOD OF RECORD: 64-84
MONTH: APR HOURS(LST): 0600-0800

		VISIBILITY IN STATUTE MILES																			
CEILING		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
IN		10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0				
FEET		10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0				
NO CEIL		44.7	49.9	50.6	51.4	51.9	51.9	52.2	52.2	52.2	52.2	52.4	52.4	52.5	52.5	52.7	53.2				
GE 20000	45.9	51.3	52.2	52.9	53.4	53.4	53.4	53.7	53.8	53.8	53.8	53.9	53.9	54.0	54.1	54.2	54.9				
GE 18000	46.4	51.9	52.8	53.5	54.1	54.1	54.1	54.3	54.4	54.4	54.4	54.5	54.5	54.6	54.7	54.8	55.5				
GE 16000	46.6	52.2	53.1	53.9	54.4	54.4	54.4	54.7	54.7	54.7	54.7	54.9	54.9	55.0	55.0	55.2	55.9				
GE 14000	46.9	52.8	53.7	54.4	55.0	55.0	55.0	55.2	55.3	55.3	55.3	55.4	55.4	55.5	55.6	55.7	56.4				
GE 12000	47.2	53.3	54.2	55.0	55.5	55.5	55.5	55.7	55.8	55.8	55.9	56.0	56.0	56.0	56.1	56.3	56.9				
GE 10000	48.1	54.4	55.3	56.1	56.6	56.6	56.6	56.9	57.0	57.0	57.0	57.1	57.1	57.2	57.2	57.4	58.1				
GE 9000	48.2	54.5	55.4	56.2	56.7	56.7	56.7	57.0	57.1	57.1	57.1	57.2	57.2	57.3	57.3	57.5	58.2				
GE 8000	48.8	55.2	56.2	56.9	57.5	57.5	57.5	57.7	57.8	57.8	57.8	57.9	57.9	58.0	58.1	58.2	58.9				
GE 7000	49.3	55.7	56.7	57.5	58.0	58.0	58.0	58.2	58.3	58.3	58.4	58.5	58.5	58.5	58.6	58.8	59.4				
GE 6000	50.5	57.2	58.3	59.1	59.6	59.6	59.6	59.8	59.9	59.9	60.0	60.0	60.0	60.1	60.2	60.3	61.0				
GE 5000	51.8	58.5	59.6	60.3	60.9	60.9	60.9	61.1	61.2	61.2	61.3	61.3	61.3	61.4	61.5	61.6	62.3				
GE 4500	53.3	60.0	61.1	61.9	62.4	62.4	62.4	62.6	62.7	62.7	62.8	62.9	62.9	62.9	63.0	63.2	63.8				
GE 4000	54.1	60.9	61.9	62.7	63.2	63.2	63.2	63.5	63.5	63.5	63.6	63.7	63.7	63.8	64.0	64.7	65.5				
GE 3500	55.0	61.7	62.8	63.5	64.1	64.1	64.1	64.3	64.4	64.4	64.4	64.5	64.5	64.6	64.7	64.8	65.5				
GE 3000	56.2	63.4	64.4	65.2	65.7	65.7	65.7	66.0	66.0	66.0	66.1	66.2	66.2	66.3	66.3	66.5	67.2				
GE 2500	58.0	65.7	67.0	67.9	68.4	68.4	68.4	68.6	68.7	68.7	68.8	68.8	68.8	68.9	69.0	69.1	69.8				
GE 2000	59.7	68.4	69.9	70.9	71.5	71.5	71.5	71.7	71.8	71.8	71.9	71.9	71.9	72.0	72.1	72.3	72.9				
GE 1800	60.2	69.2	70.7	71.8	72.4	72.4	72.4	72.6	72.7	72.7	72.8	72.9	72.9	73.0	73.1	73.2	73.8				
GE 1500	61.0	71.4	73.0	74.1	74.8	74.8	74.8	75.1	75.1	75.1	75.2	75.3	75.3	75.4	75.4	75.6	76.3				
GE 1200	61.6	73.2	74.8	76.1	76.9	76.9	76.9	77.2	77.3	77.3	77.3	77.4	77.4	77.5	77.6	77.7	78.4				
GE 1000	62.0	74.5	76.3	77.6	78.6	78.6	78.6	78.9	79.0	79.0	79.1	79.2	79.2	79.2	79.3	79.5	80.1				
GE 900	62.1	75.6	77.6	79.1	80.3	80.3	80.3	80.6	80.7	80.7	80.7	80.8	80.8	80.9	81.0	81.1	81.8				
GE 800	62.2	76.2	78.5	80.2	81.5	81.5	81.5	82.1	82.2	82.2	82.3	82.3	82.3	82.4	82.5	82.6	83.3				
GE 700	62.2	77.0	79.7	81.7	83.1	83.1	83.1	83.9	83.9	83.9	84.0	84.1	84.1	84.2	84.2	84.4	85.1				
GE 600	62.2	77.9	80.9	83.4	85.2	85.2	85.2	86.3	86.4	86.4	86.5	86.6	86.6	86.7	86.7	86.9	87.6				
GE 500	62.2	78.5	81.7	84.9	87.2	87.2	87.2	88.3	88.5	88.5	88.5	89.0	89.1	89.2	89.2	89.5	90.1				
GE 400	62.2	78.9	82.3	85.9	88.8	88.8	88.8	90.1	90.2	90.2	90.5	90.8	90.9	91.1	91.1	91.6	92.5				
GE 300	62.2	79.0	82.4	86.3	89.2	89.2	89.2	90.8	91.1	91.1	91.6	92.0	92.2	92.5	92.8	93.5	94.5				
GE 200	62.2	79.0	82.4	86.3	89.4	89.4	89.4	91.1	91.4	91.5	92.0	92.6	92.9	93.8	94.2	95.5	97.6				
GE 100	62.2	79.0	82.4	86.3	89.4	89.4	89.4	91.2	91.5	91.6	92.1	92.6	92.9	93.9	94.5	96.1	99.8				
GE 01	62.2	79.0	82.4	86.3	89.4	89.4	89.4	91.2	91.5	91.6	92.1	92.6	92.9	93.9	94.5	96.1	100.0				

TOTAL NUMBER OF OBSERVATIONS: 1319

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-84
MONTH: APR HOURS(LST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GL 5	GE 4	GE 3	LE 2	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO	CEIL	52.9	61.3	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3
GE 20000	54.9	63.9	64.6	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 18000	55.0	64.3	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4
GE 16000	55.3	64.6	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8
GE 14000	56.3	65.9	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 12000	56.6	66.4	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 10000	57.5	67.3	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 9000	57.5	67.3	68.2	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 8000	57.9	67.6	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0
GE 7000	58.4	68.2	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 6000	59.1	69.0	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2
GE 5000	60.8	70.8	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 4500	61.9	72.0	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3
GE 4000	63.0	73.3	74.2	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7
GE 3500	63.6	74.0	74.9	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 3000	64.9	75.5	76.6	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 2500	66.8	77.9	79.1	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7
GE 2000	68.8	80.3	81.7	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1800	69.6	81.7	83.2	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1500	70.0	82.9	84.7	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5
GE 1200	70.6	84.5	86.7	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1000	71.1	85.8	88.3	89.1	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 900	71.2	86.5	89.2	90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
GE 800	71.4	87.4	90.5	91.7	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
GE 700	71.4	87.8	91.2	92.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6
GE 600	71.4	88.0	91.6	93.4	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.9	94.9	94.9	94.9	94.9	94.9
GE 500	71.6	88.6	92.6	94.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7
GE 400	71.6	88.6	92.6	95.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	97.0	97.0	97.0	97.0	97.0	97.0
GE 300	71.6	88.6	92.9	95.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 200	71.6	88.6	92.9	95.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	98.4	98.4	98.4	98.4	98.4	98.4
GE 100	71.6	88.6	92.9	95.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	98.4	98.4	98.4	98.4	98.4	98.4
GE 0	71.6	88.6	92.9	95.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS: 1674

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-84
MONTH: APR HOURS(ULST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET		10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	1 58.6	68.7	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 20000	61.6	72.0	72.6	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 18000	61.7	72.1	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 16000	61.8	72.3	72.9	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 14000	62.4	72.8	73.5	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 12000	62.9	73.3	74.1	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 10000	63.6	74.2	75.0	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 9000	63.7	74.4	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 8000	64.9	75.6	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 7000	65.5	76.2	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 6000	66.2	77.0	77.7	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 5000	67.6	78.5	79.2	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4500	68.3	79.2	80.0	80.3	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 4000	69.4	80.6	81.3	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 3500	70.2	81.3	82.0	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 3000	71.2	82.4	83.4	83.8	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 2500	72.6	83.9	84.9	85.3	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2000	73.9	85.8	86.8	87.2	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1800	74.5	87.0	88.1	88.6	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1500	75.3	88.8	90.1	90.6	91.1	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1200	76.5	90.8	92.1	92.7	93.2	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1000	77.2	92.3	93.8	94.5	95.0	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 900	77.3	92.9	94.5	95.2	95.7	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 800	77.3	93.2	94.9	95.6	96.5	96.6	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	77.3	93.6	95.5	96.8	97.3	97.4	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	77.3	93.7	95.7	97.3	98.1	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	77.3	93.9	96.6	97.7	98.5	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	77.3	93.9	96.1	97.9	98.7	98.9	99.1	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	77.3	93.9	96.1	98.0	98.9	99.0	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	77.3	93.9	96.1	98.0	98.9	99.0	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	77.3	93.9	96.1	98.0	98.9	99.0	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 01	77.3	93.9	96.1	98.0	98.9	99.0	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 1666

PERIOD OF RECORD: 64-84
MONTH: APR HOURS(LST): 1500-1700

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

VISIBILITY IN STATUTE MILES									
	GE	GE	GE	GE	GE	GE	GE	GE	GE
CEILING									
IN	1	GE	6	GE	2	1 1/2	1 1/4	1	3/4
FEET	10	GE	6	GE	5	2 1/2	2	1 1/2	1 1/4

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 1639

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-75-78-84
MONTH: APR HOURS(LST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES																			
IN	FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
NO CEIL	1	50.1	61.4	62.3	62.4	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 20000	1	51.7	63.3	64.3	64.4	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 18000	1	51.9	63.6	64.6	64.7	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 16000	1	52.4	64.1	65.1	65.2	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 14000	1	52.7	64.6	65.6	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 12000	1	52.8	64.7	65.7	65.8	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 10000	1	53.5	65.6	66.5	66.6	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 9000	1	53.8	65.9	66.8	66.9	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 8000	1	54.3	66.4	67.4	67.5	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 7000	1	54.7	66.8	67.8	67.9	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 6000	1	55.3	67.6	68.6	68.7	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 5000	1	55.8	68.2	69.2	69.3	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 4500	1	56.6	69.1	70.0	70.2	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 4000	1	56.9	70.0	70.9	71.1	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 3500	1	57.4	70.4	71.4	71.6	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 3000	1	58.0	71.2	72.3	72.5	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 2500	1	59.4	72.9	74.0	74.1	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 2000	1	60.0	74.5	75.8	76.0	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 1800	1	60.4	75.1	76.4	76.6	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 1500	1	61.3	76.8	78.0	78.4	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 1200	1	61.8	78.3	79.6	80.0	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 1000	1	62.4	80.4	81.7	82.0	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 900	1	62.8	82.4	83.7	84.1	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 800	1	63.4	83.6	85.0	85.4	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 700	1	63.7	85.0	86.7	87.1	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 600	1	63.9	86.7	88.6	89.2	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 500	1	64.5	88.1	90.3	91.1	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 400	1	64.5	88.9	91.2	92.5	93.5	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 300	1	64.5	89.0	91.4	93.1	94.5	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 200	1	64.5	89.0	91.4	93.1	94.5	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 100	1	64.5	89.0	91.4	93.1	94.5	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE	01	64.5	89.0	91.4	93.1	94.5	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6

TOTAL NUMBER OF OBSERVATIONS: 1025

PERIOD OF RECORD: 64-74, 78-79, 83-84
MONTH: APR HOURS (LST): 2100-2300

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

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CEILING
VISIBILITY IN STATUTE MILES

[illegible][illegible]

TOTAL NUMBER OF OBSERVATIONS: 969

PERIOD OF RECORD: 64-64
MONTH: APR HOURS(LST): ALL

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-64
MONTH: APR HOURS(LS)

[illegible]

NO	CEIL	50.6	60.5	61.2	61.4	61.6	61.7	61.7	61.7	61.8	61.9	61.9	61.9	62.0	62.3
6E 20000	52.3	62.5	63.2	63.5	63.6	63.6	63.7	63.7	63.7	63.8	63.9	63.9	63.9	64.1	64.3
6E 18000	52.5	62.8	63.5	63.7	63.9	63.9	64.0	64.0	64.0	64.1	64.1	64.2	64.2	64.3	64.6
6E 16000	52.7	63.1	63.6	64.1	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.5	64.5	64.6	64.9
6E 14000	53.2	63.7	64.4	64.7	64.8	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.3	65.5
6E 12000	53.5	64.1	64.8	65.0	65.2	65.2	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.6	65.9
6E 10000	54.2	65.0	65.7	65.9	66.1	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.4	66.5	66.8
6E 9000	54.3	65.1	65.6	66.1	66.2	66.3	66.3	66.3	66.3	66.4	66.5	66.5	66.5	66.7	66.9
6E 8000	54.9	65.7	66.5	66.7	66.9	66.9	67.0	67.0	67.0	67.1	67.1	67.2	67.2	67.3	67.6
6E 7000	55.5	66.3	67.1	67.3	67.5	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.8	68.2
6E 6000	56.2	67.2	67.9	68.2	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.6	68.6	68.7	69.0
6E 5000	57.3	68.4	69.1	69.4	69.5	69.6	69.6	69.7	69.7	69.7	69.8	69.8	69.8	70.0	70.3
6E 4500	58.2	69.3	70.1	70.3	70.5	70.5	70.6	70.7	70.7	70.7	70.8	70.8	70.8	71.0	71.2
6E 4000	59.2	70.5	71.3	71.5	71.7	71.7	71.8	71.8	71.8	71.9	72.0	72.0	72.0	72.2	72.4
6E 3500	59.8	71.1	71.9	72.2	72.3	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.7	72.8	73.1
6E 3000	60.9	72.5	73.4	73.6	73.8	73.9	74.0	74.0	74.0	74.1	74.2	74.2	74.2	74.3	74.6
6E 2500	62.4	74.5	75.5	75.8	76.0	76.0	76.1	76.1	76.1	76.2	76.3	76.3	76.3	76.5	76.7
6E 2000	63.6	76.5	77.6	77.9	78.2	78.2	78.3	78.3	78.3	78.4	78.5	78.5	78.5	78.6	78.9
6E 1800	64.2	77.5	78.7	79.0	79.3	79.3	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.8	80.0
6E 1500	65.0	79.2	80.5	81.0	81.3	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.7	81.8	82.1
6E 1200	65.9	81.2	82.7	83.2	83.5	83.6	83.7	83.7	83.7	83.8	83.9	83.9	83.9	84.1	84.3
6E 1000	66.4	82.7	84.4	85.0	85.4	85.5	85.6	85.6	85.6	85.7	85.8	85.8	85.8	86.0	86.2
6E 900	66.6	83.7	85.4	86.2	86.6	86.7	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.2	87.5
6E 800	66.8	84.5	86.4	87.3	87.8	88.0	88.1	88.1	88.1	88.2	88.3	88.3	88.3	88.5	88.7
6E 700	67.0	85.4	87.5	88.6	89.2	89.3	89.5	89.5	89.5	89.6	89.7	89.7	89.7	89.9	90.1
6E 600	67.1	86.1	88.5	89.8	90.6	90.8	90.9	91.0	91.0	91.2	91.2	91.3	91.3	91.4	91.7
6E 500	67.2	86.8	89.4	91.1	91.9	92.1	92.4	92.5	92.5	92.7	92.8	92.8	92.8	93.0	93.3
6E 400	67.2	87.4	90.1	92.1	93.2	93.5	93.8	94.0	94.1	94.3	94.4	94.5	94.5	94.7	95.0
6E 300	67.2	87.6	90.3	92.6	93.9	94.3	94.7	95.1	95.2	95.5	95.7	95.8	95.8	95.9	96.6
6E 200	67.2	87.8	90.3	92.7	94.1	94.5	95.0	95.4	95.6	96.0	96.3	96.4	96.7	96.8	97.4
6E 100	67.2	87.8	90.3	92.7	94.1	94.5	95.0	95.5	95.7	96.1	96.4	96.5	96.8	97.0	99.7
6E 0	67.2	87.8	90.3	92.7	94.1	94.5	95.0	95.5	95.7	96.1	96.4	96.5	96.8	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 10098

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72390 STATION NAME: VANDENBURG AFB CA

PERIOD OF RECORD: 64-74, 79, 84
MONTH: MAY HOURS(LST): 0300-0500

		VISIBILITY IN STATUTE MILES																			
CEILING		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET		10	6	5	4	3	2	1 1/2	2	1 1/2	1	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0		
NO CEIL	1	21.4	27.1	27.5	28.2	28.3	26.4	28.4	28.5	28.7	28.9	29.2	29.4	29.6	29.7	29.7	30.5	31.6			
GE 20000	1	21.4	27.3	27.6	28.4	28.5	28.6	28.6	28.6	28.7	28.9	29.4	29.7	29.8	29.9	29.9	30.7	31.8			
GE 18000	1	21.4	27.3	27.8	28.4	28.5	28.6	28.6	28.6	28.7	28.9	29.4	29.7	29.8	29.9	29.9	30.7	31.8			
GE 16000	1	21.4	27.3	27.8	28.4	28.5	28.6	28.6	28.6	28.7	28.9	29.4	29.7	29.8	29.9	29.9	30.7	31.8			
GE 14000	1	21.6	27.5	28.0	28.6	28.7	28.8	28.8	28.8	28.9	29.1	29.3	29.7	30.0	30.1	30.1	30.9	32.0			
GE 12000	1	21.8	27.8	28.2	28.8	28.9	29.0	29.0	29.0	29.1	29.3	29.9	30.1	30.2	30.3	30.3	31.1	32.2			
GE 10000	1	21.8	27.8	28.2	28.8	28.9	29.0	29.0	29.0	29.1	29.3	29.9	30.1	30.2	30.3	30.3	31.1	32.2			
GE 9000	1	22.0	28.1	28.5	29.1	29.2	29.3	29.3	29.3	29.4	29.7	30.2	30.4	30.5	30.6	30.6	31.5	32.5			
GE 8000	1	22.0	28.2	28.6	29.2	29.3	29.4	29.4	29.4	29.6	29.8	30.3	30.5	30.6	30.7	30.7	31.6	32.6			
GE 7000	1	22.1	28.3	28.7	29.3	29.4	29.6	29.6	29.6	29.7	29.9	30.4	30.6	30.7	30.8	30.8	31.7	32.7			
GE 6000	1	22.8	29.0	29.4	30.1	30.2	30.3	30.3	30.3	30.4	30.6	31.1	31.4	31.5	31.6	31.6	32.4	33.5			
GE 5000	1	22.8	29.0	29.4	30.1	30.2	30.3	30.3	30.3	30.4	30.6	31.1	31.4	31.5	31.6	31.6	32.4	33.5			
GE 4500	1	22.8	29.0	29.4	30.1	30.2	30.3	30.3	30.3	30.4	30.6	31.1	31.4	31.5	31.6	31.6	32.4	33.5			
GE 4000	1	22.9	29.2	29.7	30.3	30.4	30.5	30.5	30.5	30.6	30.8	31.4	31.6	31.7	31.8	31.8	32.6	33.7			
GE 3500	1	23.6	30.4	30.8	31.5	31.6	31.7	31.7	31.7	31.8	32.0	32.5	32.7	32.8	32.9	32.9	33.8	34.9			
GE 3000	1	23.9	31.1	31.6	32.2	32.3	32.4	32.4	32.4	32.5	32.7	33.3	33.5	33.6	33.7	33.7	34.5	35.6			
GE 2500	1	24.6	32.5	32.9	33.6	33.7	33.8	33.8	33.9	34.1	34.6	34.9	35.1	35.1	35.1	35.1	35.9	37.0			
GE 2000	1	25.5	34.4	34.9	35.5	35.6	35.7	35.7	35.8	36.0	36.5	36.8	37.3	37.5	37.6	37.7	38.6	39.7			
GE 1800	1	25.7	35.2	35.6	36.2	36.3	36.4	36.4	36.5	36.8	37.3	37.5	37.5	37.6	37.7	37.7	38.6	39.7			
GE 1500	1	27.0	37.9	38.5	39.1	39.2	39.3	39.4	39.5	39.7	40.3	40.5	40.5	40.6	40.7	40.7	41.5	42.7			
GE 1200	1	30.8	43.9	44.5	45.1	45.2	45.3	45.4	45.6	45.8	46.3	46.5	46.5	46.6	46.7	46.7	47.6	48.7			
GE 1000	1	32.5	48.2	48.8	49.6	49.7	49.8	49.9	50.0	50.2	50.7	51.0	51.2	51.2	51.2	51.2	52.0	53.2			
GE 900	1	33.6	50.2	51.0	51.7	51.8	51.9	52.0	52.1	52.3	52.9	53.1	53.3	53.3	53.3	53.3	54.1	55.3			
GE 800	1	34.2	52.8	53.7	54.4	54.7	54.8	55.0	55.1	55.3	55.8	56.0	56.3	56.3	56.3	56.3	57.2	58.4			
GE 700	1	34.6	54.8	56.0	56.9	57.1	57.2	57.4	57.5	57.7	58.3	58.5	58.5	58.6	58.7	58.7	59.6	60.8			
GE 600	1	35.0	57.7	59.1	60.0	60.4	60.6	60.8	60.9	61.1	61.7	61.9	62.1	62.1	62.1	62.1	63.0	64.2			
GE 500	1	35.0	60.1	61.7	62.9	63.6	63.8	64.1	64.2	64.4	64.9	65.1	65.4	65.4	65.4	65.4	66.4	67.6			
GE 400	1	35.1	61.2	63.1	65.4	66.9	67.2	67.7	67.8	68.1	68.8	69.2	69.3	69.4	69.6	69.6	70.7	71.9			
GE 300	1	35.1	62.2	64.3	67.2	70.1	70.9	71.7	72.5	73.0	73.8	74.5	74.7	75.3	75.3	75.3	76.3	77.5			
GE 200	1	35.1	62.3	64.5	67.6	71.3	72.4	73.2	74.5	75.1	76.9	78.0	78.3	79.1	79.9	80.5	81.5	82.7			
GE 100	1	35.1	62.3	64.5	67.6	71.3	72.4	73.2	74.5	75.1	77.0	78.3	79.1	80.4	81.5	82.7	83.7	84.9			
GE 0	1	35.1	62.3	64.5	67.6	71.3	72.4	73.2	74.5	75.1	77.0	78.3	79.1	80.5	81.6	82.7	83.7	84.9			

TOTAL NUMBER OF OBSERVATIONS: 944

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: MAY HOURS(LST): 0600-0800

CEILING

VISIBILITY IN STATUTE MILES

IN	1	GE	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
FEET	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0	0	0
NO CEIL	25.6	31.8	32.8	33.5	33.7	33.9	34.0	34.1	34.1	34.2	34.3	34.4	34.6	34.8	35.0	
GE 20000	26.2	32.6	33.6	34.1	34.6	34.7	34.8	34.9	34.9	35.0	35.1	35.3	35.5	35.7	35.9	
GE 18000	26.3	32.7	33.7	34.3	34.7	34.8	35.0	35.0	35.0	35.2	35.2	35.4	35.6	35.8	36.0	
GE 16000	26.3	32.7	33.7	34.3	34.7	34.8	35.0	35.0	35.0	35.2	35.2	35.4	35.6	35.8	36.0	
GE 14000	26.4	32.9	33.9	34.4	34.9	35.0	35.2	35.2	35.2	35.4	35.4	35.6	35.8	36.0	36.2	
GE 12000	26.6	33.1	34.2	34.7	35.2	35.3	35.4	35.5	35.5	35.6	35.7	35.9	36.1	36.3	36.5	
GE 10000	26.8	33.3	34.5	34.6	35.3	35.4	35.6	35.6	35.6	35.8	35.8	36.0	36.2	36.4	36.6	
GE 9000	26.8	33.3	34.4	34.9	35.4	35.5	35.6	35.7	35.7	35.8	35.9	36.1	36.3	36.5	36.7	
GE 8000	27.0	33.5	34.5	35.0	35.5	35.6	35.8	35.8	35.8	36.0	36.0	36.2	36.4	36.6	36.8	
GE 7000	27.2	33.7	34.8	35.3	35.8	35.9	36.0	36.1	36.1	36.3	36.3	36.5	36.7	36.9	37.1	
GE 6000	27.6	34.3	35.4	35.9	36.4	36.5	36.6	36.7	36.7	36.8	36.9	37.1	37.3	37.5	37.7	
GE 5000	27.7	34.6	35.7	36.2	36.7	36.8	36.9	37.0	37.0	37.1	37.2	37.4	37.6	37.8	38.0	
GE 4500	27.7	34.6	35.7	36.2	36.7	36.8	36.9	37.0	37.0	37.1	37.2	37.4	37.6	37.8	38.0	
GE 4000	28.2	35.2	36.2	36.7	37.2	37.3	37.5	37.5	37.5	37.7	37.7	37.9	38.1	38.3	38.5	
GE 3500	28.6	35.6	36.6	37.1	37.6	37.7	37.9	37.9	37.9	38.1	38.1	38.3	38.5	38.7	38.9	
GE 3000	29.2	36.2	37.2	37.7	38.2	38.3	38.5	38.5	38.5	38.6	38.7	38.9	39.1	39.3	39.5	
GE 2500	29.6	36.8	37.9	38.5	38.9	39.0	39.2	39.2	39.2	39.4	39.4	39.6	39.8	40.0	40.2	
GE 2000	31.0	38.6	39.7	40.3	40.7	40.9	41.0	41.0	41.1	41.2	41.3	41.5	41.7	41.9	42.1	
GE 1800	31.9	40.0	41.1	41.9	42.4	42.5	42.7	42.7	42.7	42.8	42.9	43.1	43.3	43.5	43.7	
GE 1500	33.5	42.4	43.6	44.6	45.3	45.4	45.6	45.6	45.7	45.8	45.9	46.1	46.3	46.5	46.7	
GE 1200	35.6	47.2	48.5	49.4	50.1	50.3	50.5	50.5	50.6	50.7	50.8	51.0	51.2	51.4	51.6	
GE 1000	36.5	50.5	52.2	53.3	54.1	54.3	54.5	54.6	54.7	54.8	54.9	55.1	55.2	55.4	55.6	
GE 900	36.8	52.6	54.4	55.8	56.9	57.0	57.3	57.4	57.5	57.6	57.7	57.9	58.1	58.3	58.5	
GE 800	37.2	54.5	56.4	58.6	60.0	60.2	60.6	60.7	60.8	60.9	61.0	61.2	61.4	61.5	61.8	
GE 700	37.4	55.4	58.2	60.7	62.3	62.6	63.2	63.3	63.4	63.6	63.8	64.0	64.2	64.3	64.6	
GE 600	37.5	56.6	59.9	63.2	65.0	65.3	66.1	66.3	66.5	66.7	66.9	67.0	67.2	67.4	67.7	
GE 500	37.6	57.7	61.7	66.1	68.8	69.4	70.4	71.0	71.2	71.3	71.7	72.0	72.2	72.6	73.0	
GE 400	37.6	58.2	62.7	68.2	72.6	73.6	75.3	76.6	76.9	77.1	77.4	77.8	78.1	78.5	79.4	
GE 300	37.6	58.3	62.9	69.0	74.2	75.9	78.1	80.1	80.7	81.2	82.3	83.7	84.2	85.2	86.6	
GE 200	37.6	58.3	62.9	69.0	74.2	75.9	78.1	80.1	80.7	81.2	82.3	83.7	84.2	85.2	86.6	
GE 100	37.6	58.3	62.9	69.1	74.5	76.2	78.8	81.0	81.8	82.6	84.2	85.0	86.8	88.1	91.7	
GE 0	37.6	58.3	62.9	69.1	74.5	76.2	78.8	81.0	81.8	82.6	84.2	85.0	86.8	88.1	91.7	
GE 01	37.6	58.3	62.9	69.1	74.5	76.2	78.8	81.0	81.8	82.6	84.2	85.0	86.8	88.1	91.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 1524

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: MAY HOURS(LSTD): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES																	
IN FEET		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0			
NO CEIL		40.0	51.1	51.9	52.5	52.5	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7			
GE 20000	41.9	52.4	53.3	53.9	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1		
GE 18000	42.2	52.7	53.6	54.2	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4		
GE 16000	42.2	52.8	53.6	54.2	54.2	54.3	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5		
GE 14000	42.4	53.0	53.9	54.5	54.5	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8		
GE 12000	42.6	53.3	54.2	54.8	54.8	54.9	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1		
GE 10000	42.8	53.5	54.4	55.1	55.1	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3		
GE 9000	42.9	53.6	54.5	55.1	55.1	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4		
GE 8000	42.9	53.6	54.5	55.2	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4		
GE 7000	43.2	53.9	54.6	55.5	55.5	55.5	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7		
GE 6000	43.5	54.3	55.2	55.8	55.8	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1		
GE 5000	43.8	54.6	55.5	56.1	56.1	56.2	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4		
GE 4500	44.2	54.9	55.8	56.5	56.5	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7		
GE 4000	44.6	55.4	56.2	56.9	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1		
GE 3500	44.9	55.6	56.5	57.2	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4		
GE 3000	45.0	55.9	56.8	57.4	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6		
GE 2500	46.1	57.2	58.1	58.7	58.7	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0		
GE 2000	47.6	59.2	60.1	60.8	60.8	60.9	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1		
GE 1800	49.1	61.1	61.9	62.9	62.9	62.9	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2		
GE 1500	50.9	64.3	65.4	66.4	66.4	66.5	66.6	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8		
GE 1200	52.8	68.6	69.8	71.0	71.0	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4		
GE 1000	53.6	71.8	73.4	74.7	74.7	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3		
GE 900	54.0	74.5	76.8	78.2	78.2	78.6	78.7	78.7	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9		
GE 800	54.1	76.0	78.6	80.2	80.2	80.8	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1		
GE 700	54.2	77.5	80.7	83.1	83.1	83.8	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2		
GE 600	54.3	78.6	82.7	85.8	85.8	86.8	86.9	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4		
GE 500	54.3	79.2	84.1	88.3	88.3	89.8	90.2	90.6	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2		
GE 400	54.3	79.5	84.7	89.8	89.8	92.3	92.9	93.6	94.5	94.6	94.7	94.9	94.9	95.0	95.1	95.1	95.1		
GE 300	54.3	79.5	84.9	90.3	90.3	93.1	94.1	95.1	96.5	96.7	97.0	97.4	97.5	97.6	97.7	97.9	97.9		
GE 200	54.3	79.5	84.9	90.3	90.3	93.1	94.1	95.1	96.7	96.9	97.5	98.1	98.2	98.6	99.0	99.5	99.8		
GE 100	54.3	79.5	84.9	90.3	90.3	93.1	94.1	95.1	96.7	96.9	97.5	98.1	98.2	98.6	99.1	99.6	100.0		
GE 0	54.3	79.5	84.9	90.3	90.3	93.1	94.1	95.1	96.7	96.9	97.5	98.1	98.2	98.6	99.1	99.8	100.0		

TOTAL NUMBER OF OBSERVATIONS: 1700

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: MAY HOURS(LST): 1200-1400

CEILING IN FEET	1	GE	10	6	GE	5	GE	4	GE	3	2	1/2	2	1	1/2	1	1/4	GE	GL	3/4	5/8	1/2	5/16	1/4	GE	U
NO CEIL	47.3	60.5	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 20000	49.3	62.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 18000	49.7	63.2	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 16000	49.8	63.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 14000	50.2	63.9	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 12000	50.4	64.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 10000	50.8	64.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 9000	50.9	64.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 8000	50.9	64.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 7000	51.2	65.4	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 6000	51.8	65.9	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 5000	51.8	65.9	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 4500	52.0	66.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 4000	52.2	66.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 3500	52.4	66.5	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 3000	52.8	66.9	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 2500	53.7	68.1	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 2000	55.0	69.8	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 1800	55.9	70.9	72.0	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 1500	58.1	74.2	75.5	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 1200	59.5	78.1	79.4	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 1000	60.3	80.5	82.4	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 900	61.1	82.7	85.2	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 800	61.3	84.4	87.2	88.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 700	61.4	86.3	89.5	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 600	61.5	87.8	91.7	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 500	61.5	88.6	93.0	95.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 400	61.5	88.9	93.6	96.9	98.1	98.3	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	61.5	88.9	93.7	97.2	98.6	99.1	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	61.5	88.9	93.7	97.2	98.6	99.1	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	61.5	89.0	93.8	97.3	98.7	99.2	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 01	61.5	89.0	93.8	97.3	98.7	99.2	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 1692

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: MAY HOURS(IST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	10	GE		GE		GE		GE		GE		GE		GE		GE	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NO CEIL	1	41.7	53.4	54.0	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 20000	1	43.8	56.1	57.2	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 16000	1	44.1	56.4	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 14000	1	44.6	57.0	58.0	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 12000	1	45.0	57.5	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 10000	1	45.1	57.6	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 9000	1	45.1	57.6	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 8000	1	45.1	57.6	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 7000	1	45.4	57.9	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 6000	1	45.5	58.0	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 5000	1	45.7	58.2	59.3	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 4500	1	45.8	58.4	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 4000	1	46.0	58.6	59.6	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 3500	1	46.4	59.2	60.2	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 3000	1	46.4	59.2	60.2	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 2500	1	47.6	60.4	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 2000	1	48.7	62.0	63.0	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 1800	1	49.6	63.3	64.0	64.3	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 1500	1	51.5	65.8	66.5	66.9	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 1200	1	54.0	70.6	71.4	71.8	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 1000	1	55.6	76.8	78.0	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 900	1	56.5	79.8	81.4	81.9	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 800	1	56.9	82.4	84.4	85.3	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 700	1	57.3	85.2	88.0	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 600	1	57.5	87.1	90.5	92.7	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 500	1	57.5	88.2	92.3	95.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 400	1	57.5	88.4	92.8	96.2	97.4	97.9	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 300	1	57.5	88.4	92.8	96.3	97.6	98.1	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 200	1	57.5	88.4	92.8	96.3	97.6	98.1	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 100	1	57.5	88.4	92.8	96.3	97.6	98.1	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE	01	57.5	88.4	92.8	96.3	97.6	98.1	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS: 1523

PERIOD OF RECORD: 64-75, 76-79, 81, 83-84
MONTH: MAY HOURS(1ST): 1800-2000

PERIOD OF RECORD: 64-75, 76-79, 81, 83-84
MONTH: MAY HOURS (LSI): 1800-2000

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GE	GL	GE	GE	GE
3/4	5/8	1/2	5/16	1/4
				0

42.5	42.5	42.5	42.5	42.7	42.7
43.5	43.5	43.5	43.5	43.7	43.7
43.5	43.5	43.5	43.5	43.7	43.7
43.7	43.7	43.7	43.7	43.9	43.9
44.5	44.5	44.5	44.5	44.7	44.7
44.6	44.6	44.6	44.6	45.0	45.0
44.9	44.9	44.9	44.9	45.1	45.1
44.9	44.9	44.9	44.9	45.1	45.1
45.1	45.1	45.1	45.1	45.3	45.3
45.6	45.6	45.6	45.6	45.8	45.8
45.7	45.7	45.7	45.7	45.9	45.9
46.2	46.2	46.2	46.2	46.4	46.4
46.2	46.2	46.2	46.2	46.4	46.4
46.8	46.8	46.8	46.8	47.0	47.0
46.9	46.9	46.9	46.9	47.1	47.1
47.5	47.5	47.5	47.5	47.7	47.7
48.2	48.2	48.2	48.2	48.4	48.4
49.3	49.3	49.3	49.3	49.5	49.5
50.3	50.3	50.3	50.3	50.5	50.5
54.0	54.0	54.0	54.0	54.2	54.2
59.7	59.7	59.7	59.7	59.9	59.9
64.4	64.4	64.4	64.4	64.6	64.6
68.1	68.1	68.1	68.1	68.3	68.3
71.8	71.8	71.8	71.8	72.0	72.0
75.2	75.2	75.2	75.2	75.4	75.4
78.8	78.8	78.8	78.8	79.0	79.0
82.5	82.5	82.5	82.5	82.7	82.7
87.7	87.7	87.7	87.7	87.9	87.9
92.1	92.1	92.1	92.1	92.8	93.0
93.9	93.9	93.9	93.9	96.2	97.0
94.2	94.2	94.2	94.2	97.1	99.7
94.2	94.2	94.2	94.2	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 1054

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-73.81
MONTH: JUN HOURS(LST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES																PERIOD OF RECORD: 64-73.81			
		MONTH: JUN HOURS(LST): 0000-0200																			
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		1	10	6	5	4	3	2	1 1/2	1	1/4	1	3/4	5/8	1/2	5/16	1/4	5/16	1/4	5/16	1/4
NO CEIL	15.9	25.9	26.6	26.7	26.8	27.1	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
GE 20000	16.0	26.1	26.7	26.8	26.9	27.2	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
GE 18000	16.0	26.1	26.7	26.8	26.9	27.2	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
GE 16000	16.1	26.2	26.8	26.9	27.1	27.3	27.4	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
GE 14000	16.2	26.3	26.9	27.1	27.2	27.4	27.5	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 12000	16.5	26.6	27.3	27.4	27.5	27.7	27.8	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
GE 10000	16.7	26.8	27.5	27.6	27.7	27.9	28.0	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
GE 9000	16.7	26.8	27.5	27.6	27.7	27.9	28.0	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
GE 8000	16.7	26.8	27.5	27.6	27.7	27.9	28.0	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
GE 7000	16.7	26.8	27.5	27.6	27.7	27.9	28.0	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
GE 6000	17.3	27.4	28.0	28.2	28.3	28.5	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
GE 5000	17.3	27.4	28.0	28.2	28.3	28.5	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
GE 4500	17.4	27.5	28.2	28.3	28.4	28.6	28.7	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
GE 4000	17.5	27.6	28.3	28.4	28.5	28.7	28.8	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
GE 3500	17.5	27.8	28.5	28.6	28.7	28.9	29.0	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
GE 3000	17.5	28.0	28.7	28.8	28.9	29.2	29.3	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
GE 2500	18.5	29.2	29.8	29.9	30.0	30.3	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 2000	19.8	31.2	31.8	31.9	32.0	32.3	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 1800	21.0	32.8	33.5	33.6	33.7	33.9	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
GE 1500	21.8	34.6	35.3	35.5	35.6	35.8	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 1200	23.7	39.1	39.8	40.0	40.1	40.4	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 1000	24.9	43.7	44.5	44.7	44.8	45.0	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 900	26.3	46.0	46.8	47.0	47.1	47.3	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 800	27.1	48.2	49.1	49.4	49.6	49.8	49.9	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 700	28.0	50.9	51.9	52.2	52.3	52.5	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 600	28.6	54.4	56.1	56.5	56.7	56.9	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 500	28.9	57.8	59.5	60.3	60.4	60.6	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 400	28.9	59.4	61.4	63.3	64.1	64.3	64.4	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 300	29.0	61.1	63.9	67.0	68.2	69.1	69.6	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 200	29.0	61.2	64.0	67.6	69.4	70.6	72.1	73.5	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 100	29.0	61.2	64.0	67.7	69.5	70.8	72.6	74.5	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 0	29.0	61.2	64.0	67.7	69.5	70.8	72.6	74.5	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2

TOTAL NUMBER OF OBSERVATIONS: 902

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72393D STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-73,79,83-84
MONTH: JUN HOURS(IST): 0100-0500

CEILING		VISIBILITY IN STATUTE MILES																PERCENTAGE			
IN	FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
NO	CEIL	1	11.9	18.1	18.5	18.7	18.8	18.8	18.8	18.9	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
GE	20000	12.0	18.5	18.9	19.2	19.3	19.3	19.3	19.3	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
GE	18000	12.0	18.5	18.9	19.2	19.3	19.3	19.3	19.3	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
GE	16000	12.0	18.5	18.9	19.2	19.3	19.3	19.3	19.3	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
GE	14000	12.0	18.5	18.9	19.2	19.3	19.3	19.3	19.3	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
GE	12000	12.1	18.6	19.1	19.3	19.4	19.4	19.4	19.4	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
GE	10000	12.1	18.6	19.1	19.3	19.4	19.4	19.4	19.4	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
GE	9000	12.1	18.6	19.1	19.3	19.4	19.4	19.4	19.4	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
GE	8000	12.1	18.6	19.1	19.3	19.4	19.4	19.4	19.4	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
GE	7000	12.1	18.6	19.1	19.3	19.4	19.4	19.4	19.4	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
GE	6000	12.7	19.2	19.6	19.8	19.9	19.9	19.9	19.9	20.0	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
GE	5000	12.7	19.2	19.6	19.8	19.9	19.9	19.9	19.9	20.0	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
GE	4500	12.8	19.3	19.7	19.9	20.0	20.0	20.0	20.0	20.2	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
GE	4000	12.8	19.3	19.7	19.9	20.0	20.0	20.0	20.0	20.2	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
GE	3500	12.8	19.3	19.7	19.9	20.0	20.0	20.0	20.0	20.2	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
GE	3000	13.2	19.9	20.4	20.6	20.7	20.7	20.7	20.7	20.8	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
GE	2500	14.2	21.1	21.6	21.8	21.9	21.9	21.9	21.9	22.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
GE	2000	15.7	23.8	24.3	24.6	24.7	24.7	24.7	24.7	24.8	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
GE	1800	17.1	26.2	26.8	27.0	27.1	27.1	27.1	27.1	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
GE	1500	18.7	28.7	29.3	29.5	29.6	29.6	29.6	29.6	29.7	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
GE	1200	20.5	32.6	33.3	33.5	33.7	33.7	33.7	33.7	33.8	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE	1000	21.7	35.4	36.2	36.5	36.7	36.7	36.7	36.7	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE	900	22.0	36.9	37.9	38.1	38.3	38.3	38.3	38.3	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE	800	22.6	38.6	39.8	40.0	40.2	40.2	40.2	40.2	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE	700	23.2	40.2	41.2	41.5	41.7	41.7	41.7	41.7	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE	600	23.3	43.3	44.5	45.0	45.3	45.3	45.3	45.3	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE	500	23.5	46.3	47.9	49.0	49.6	49.6	49.6	49.6	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE	400	23.6	48.8	51.3	53.7	56.1	56.1	56.1	56.1	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE	300	23.7	49.9	53.0	57.0	60.0	60.0	60.0	60.0	61.3	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE	200	23.7	49.9	53.0	57.7	61.1	61.8	61.8	61.8	63.3	65.7	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE	100	23.7	49.9	53.0	57.8	61.3	62.1	62.1	62.1	63.9	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE	0	23.7	49.9	53.0	57.9	61.5	62.2	62.2	62.2	64.0	66.6	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2

TOTAL NUMBER OF OBSERVATIONS: 908

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: JUN HOURS(LST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES																		
IN	FEET	1	2	3	4	5	6	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
NO	CEIL	15.8	21.9	22.8	23.3	24.0	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
GE	20000	16.2	22.4	23.3	23.9	24.6	24.7	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
GE	18000	16.2	22.4	23.3	23.9	24.6	24.7	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
GE	16000	16.4	22.6	23.5	24.1	24.8	24.9	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
GE	14000	16.4	22.6	23.5	24.1	24.8	24.9	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
GE	12000	16.4	22.7	23.5	24.2	24.9	25.0	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
GE	10000	16.5	22.9	23.8	24.4	25.1	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
GE	9000	16.5	22.9	23.8	24.4	25.1	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
GE	8000	16.5	22.9	23.8	24.5	25.2	25.3	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
GE	7000	16.5	22.9	23.8	24.5	25.2	25.3	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
GE	6000	16.9	23.3	24.2	24.9	25.6	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
GE	5000	16.9	23.3	24.2	24.9	25.6	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
GE	4500	17.1	23.5	24.4	25.1	25.8	26.0	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
GE	4000	17.1	23.5	24.4	25.1	25.8	26.0	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
GE	3500	17.3	23.7	24.6	25.3	26.0	26.1	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
GE	3000	17.7	24.3	25.2	26.0	26.7	26.8	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
GE	2500	18.4	25.1	26.0	26.7	27.4	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE	2000	20.0	27.7	28.6	29.4	30.0	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
GE	1800	21.1	29.2	30.1	30.9	31.6	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
GE	1500	23.3	32.3	33.2	34.0	34.7	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE	1200	24.8	34.9	35.9	36.9	37.6	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE	1000	26.3	38.2	39.6	40.9	41.6	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE	900	27.3	40.5	42.0	43.6	44.3	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE	800	27.6	42.3	43.8	45.7	46.6	46.8	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE	700	27.7	44.1	46.0	49.0	50.1	50.3	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE	600	27.9	46.5	49.0	52.9	54.4	54.7	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE	500	28.0	48.5	51.9	57.8	59.9	60.6	61.2	61.2	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE	400	28.0	49.5	53.5	61.3	64.9	66.0	67.4	67.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE	300	28.0	49.8	53.9	62.8	67.3	69.3	71.5	71.5	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE	200	28.0	49.8	53.9	62.8	67.4	69.5	72.1	72.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE	100	28.0	49.8	53.9	62.8	67.5	69.5	72.3	72.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE	01	28.0	49.8	53.9	62.8	67.5	69.5	72.3	72.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8

TOTAL NUMBER OF OBSERVATIONS: 1448

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: JUN HOURS(LST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES															
FEET	IN	1		2		3		4		5		6		7		8	
		GE	GL	GE	GL	GE	GL	GE	GL	GE	GL	GE	GL	GE	GL	GE	GL
NO CEIL	1	33.2	45.4	46.1	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.7	46.7	46.7	46.7
GE 20000	1	33.8	46.5	47.4	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.2
GE 18000	1	33.9	46.6	47.5	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.3	48.3	48.3	48.3
GE 16000	1	34.1	46.7	47.6	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.4	48.4	48.4	48.4
GE 14000	1	34.2	46.9	47.8	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.7	48.7	48.7	48.7
GE 12000	1	34.6	47.3	48.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1
GE 10000	1	34.9	47.7	48.6	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.5	49.5	49.5	49.5
GE 9000	1	34.9	47.7	48.6	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.5	49.5	49.5	49.5
GE 8000	1	34.9	47.8	48.7	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.5	49.5	49.5	49.5
GE 7000	1	35.0	47.8	48.7	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.6
GE 6000	1	35.2	48.1	49.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8	49.8	49.8	49.8
GE 5000	1	35.2	48.1	49.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8	49.8	49.8	49.8
GE 4500	1	35.4	48.3	49.2	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0
GE 4000	1	35.4	48.3	49.2	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0
GE 3500	1	35.6	48.4	49.3	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2
GE 3000	1	36.4	49.2	50.1	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	51.0	51.0	51.0	51.0
GE 2500	1	37.5	50.8	51.7	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5
GE 2000	1	39.3	53.0	53.9	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7
GE 1800	1	40.5	54.3	55.2	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1
GE 1500	1	43.2	58.0	59.1	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0
GE 1200	1	46.0	63.3	64.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7
GE 1000	1	48.1	67.4	68.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.3	70.3	70.3	70.3
GE 900	1	49.0	71.1	72.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.7	74.7	74.7	74.7
GE 800	1	49.5	73.6	75.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.9	77.9	77.9	77.9
GE 700	1	49.8	75.6	78.6	80.7	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.4	81.4	81.4	81.4
GE 600	1	49.9	77.6	81.3	84.3	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5	85.5	85.5
GE 500	1	50.0	78.6	83.1	87.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	90.4	90.4	90.4	90.4
GE 400	1	50.0	79.0	83.7	89.5	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	94.8	94.8	94.8	94.8
GE 300	1	50.0	79.0	83.7	89.6	93.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	97.8	97.8	97.8	97.8
GE 200	1	50.0	79.0	83.7	89.8	93.5	94.4	94.4	94.4	94.4	94.4	94.4	94.4	98.3	98.3	98.3	98.3
GE 100	1	50.0	79.0	83.7	89.8	93.5	94.4	94.4	94.4	94.4	94.4	94.4	94.4	99.4	99.4	99.4	99.4
GE 0	1	50.0	79.0	83.7	89.8	93.5	94.4	94.4	94.4	94.4	94.4	94.4	94.4	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 1658

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: JUN HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES									
	1	1 1/2	2	3	4	5	6	10	GE	GE
NO CEIL	43.5	57.8	58.5	59.0	59.1	59.1	59.2	59.2	59.2	59.2
GE 20000	44.8	59.5	60.4	61.0	61.0	61.0	61.1	61.1	61.1	61.1
GE 18000	44.9	59.6	60.4	61.0	61.1	61.1	61.2	61.2	61.2	61.2
GE 16000	45.1	59.7	60.6	61.2	61.3	61.3	61.4	61.4	61.4	61.4
GE 14000	45.6	60.3	61.2	61.9	61.9	61.9	62.0	62.0	62.0	62.0
GE 12000	46.0	60.7	61.6	62.2	62.3	62.3	62.4	62.4	62.4	62.4
GE 10000	46.6	61.6	62.5	63.2	63.2	63.2	63.4	63.4	63.4	63.4
GE 9000	46.6	61.6	62.5	63.2	63.2	63.2	63.4	63.4	63.4	63.4
GE 8000	46.7	61.6	62.6	63.2	63.3	63.3	63.4	63.4	63.4	63.4
GE 7000	46.9	61.9	62.8	63.5	63.5	63.5	63.7	63.7	63.7	63.7
GE 6000	47.0	62.0	62.9	63.6	63.7	63.7	63.8	63.8	63.8	63.8
GE 5000	47.1	62.0	63.0	63.7	63.7	63.7	63.9	63.9	63.9	63.9
GE 4500	47.1	62.0	63.0	63.7	63.7	63.7	63.9	63.9	63.9	63.9
GE 4000	47.1	62.0	63.0	63.7	63.7	63.7	63.9	63.9	63.9	63.9
GE 3500	47.4	62.3	64.0	64.0	64.0	64.0	64.2	64.2	64.2	64.2
GE 3000	48.2	63.2	64.2	64.8	64.9	64.9	65.0	65.0	65.0	65.0
GE 2500	49.1	64.2	65.2	65.8	65.9	65.9	66.0	66.0	66.0	66.0
GE 2000	50.7	66.0	66.9	67.6	67.7	67.7	67.8	67.8	67.8	67.8
GE 1800	52.2	67.5	68.5	69.2	69.2	69.2	69.3	69.3	69.3	69.3
GE 1500	53.8	70.3	71.3	71.9	72.0	72.0	72.1	72.1	72.1	72.1
GE 1200	56.4	75.5	76.6	77.2	77.4	77.4	77.6	77.6	77.6	77.6
GE 1000	59.1	81.5	82.6	83.3	83.5	83.5	83.6	83.6	83.6	83.6
GE 900	59.7	83.8	85.2	86.0	86.2	86.2	86.4	86.4	86.4	86.4
GE 800	60.1	85.5	87.0	87.9	88.2	88.2	88.4	88.4	88.4	88.4
GE 700	60.5	87.7	89.8	91.4	91.7	91.7	91.9	91.9	91.9	91.9
GE 600	61.0	89.8	92.6	94.6	95.3	95.5	95.7	95.7	95.7	95.7
GE 500	61.1	90.8	94.3	97.1	98.0	98.2	98.6	98.6	98.6	98.6
GE 400	61.1	90.9	94.5	97.5	98.6	98.9	99.2	99.3	99.3	99.3
GE 300	61.1	91.0	94.6	97.6	98.7	99.0	99.6	99.7	99.8	99.8
GE 200	61.2	91.1	94.6	97.7	98.8	99.1	99.5	99.8	99.9	99.9
GE 100	61.2	91.1	94.6	97.7	98.8	99.1	99.5	99.8	99.9	100.0
GE 0	61.2	91.1	94.6	97.7	98.8	99.1	99.5	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 1657

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: JUN HOURS(IST): 1500-1700

		VISIBILITY IN STATUTE MILES											
		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
IN	FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8
GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
NO CEIL	1 40.3	49.8	50.3	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 20000	40.9	50.8	51.4	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 18000	40.9	50.8	51.4	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 16000	40.9	50.8	51.5	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 14000	41.4	51.2	51.9	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 12000	41.8	51.7	52.4	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 10000	41.9	52.0	52.6	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 9000	42.1	52.3	52.9	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 8000	42.2	52.4	53.0	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 7000	42.4	52.6	53.2	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 6000	42.5	52.6	53.3	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 5000	42.5	52.6	53.3	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 4500	42.5	52.6	53.3	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 4000	42.5	52.6	53.3	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 3500	42.8	53.0	53.7	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 3000	43.1	53.3	53.9	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 2500	44.1	54.2	54.9	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 2000	45.4	55.6	56.3	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 1800	45.8	55.9	56.6	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 1500	48.3	58.9	59.7	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 1200	52.0	65.1	65.9	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 1000	55.8	72.3	73.5	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 900	57.1	76.0	77.7	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 800	58.2	78.8	80.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 700	58.8	81.5	84.0	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 600	59.3	84.0	87.1	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 500	59.4	85.6	89.1	92.5	93.7	93.8	94.3	94.5	94.5	94.5	94.5	94.5	94.5
GE 400	59.5	86.0	90.0	94.3	95.9	96.1	96.7	97.2	97.2	97.2	97.2	97.2	97.2
GE 300	59.5	86.1	90.2	94.6	96.3	96.6	97.4	98.1	98.1	98.1	98.1	98.1	98.1
GE 200	59.6	86.2	90.2	94.7	96.4	96.8	97.6	98.3	98.3	98.3	98.3	98.3	98.3
GE 100	59.6	86.2	90.2	94.7	96.4	96.8	97.6	98.3	98.3	98.3	98.3	98.3	98.3
GE 01	59.6	86.2	90.2	94.7	96.4	96.8	97.6	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS: 1446

TOTAL NUMBER OF OBSERVATIONS: 1007

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-74, 82-84
MONTH: JUN HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NO CEIL	22.6	33.1	33.6	34.0	34.3	34.3	34.3	34.5	34.6	34.6	34.6	34.8	34.8	34.8	34.8	34.9
GE 20000	22.7	33.3	33.6	34.2	34.6	34.6	34.6	34.9	35.0	35.0	35.0	35.1	35.1	35.1	35.1	35.1
GE 16000	22.7	33.3	33.6	34.2	34.6	34.6	34.6	34.9	35.0	35.0	35.0	35.1	35.1	35.1	35.1	35.1
GE 14000	23.0	33.7	34.2	34.6	35.1	35.1	35.1	35.3	35.4	35.4	35.4	35.5	35.5	35.5	35.5	35.5
GE 12000	23.1	33.8	34.3	34.8	35.2	35.2	35.2	35.4	35.5	35.5	35.5	35.6	35.6	35.6	35.6	35.6
GE 10000	23.2	34.1	34.6	35.1	35.5	35.5	35.5	35.7	35.8	35.8	35.8	35.9	35.9	35.9	35.9	35.9
GE 9000	23.2	34.1	34.6	35.1	35.5	35.5	35.5	35.7	35.8	35.8	35.8	35.9	35.9	35.9	35.9	35.9
GE 8000	23.2	34.1	34.6	35.1	35.5	35.5	35.5	35.7	35.8	35.8	35.8	35.9	35.9	35.9	35.9	35.9
GE 7000	23.7	34.5	35.1	35.5	35.9	35.9	35.9	36.1	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.3
GE 6000	24.0	34.9	35.4	35.8	36.2	36.2	36.2	36.4	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.6
GE 5000	24.0	34.9	35.4	35.8	36.2	36.2	36.2	36.4	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.6
GE 4500	24.0	34.9	35.4	35.8	36.2	36.2	36.2	36.4	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.6
GE 4000	24.0	34.9	35.4	35.8	36.2	36.2	36.2	36.4	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.6
GE 3500	24.1	35.2	35.7	36.1	36.5	36.5	36.5	36.7	36.8	36.8	36.8	36.9	36.9	36.9	36.9	36.9
GE 3000	24.2	35.4	35.9	36.3	36.7	36.7	36.7	36.9	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1
GE 2500	24.6	35.8	36.3	36.7	37.1	37.1	37.1	37.3	37.4	37.4	37.4	37.6	37.6	37.6	37.6	37.6
GE 2000	26.1	38.0	38.5	38.9	39.3	39.3	39.3	39.5	39.6	39.6	39.6	39.7	39.7	39.7	39.7	39.7
GE 1800	26.6	39.0	39.5	39.9	40.4	40.4	40.4	40.6	40.7	40.7	40.7	40.8	40.8	40.8	40.8	40.8
GE 1500	28.1	41.5	42.0	42.4	42.8	42.8	42.8	43.0	43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.3
GE 1200	29.1	46.0	46.5	46.9	47.3	47.3	47.3	47.5	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7
GE 1000	30.4	49.1	49.6	50.0	50.4	50.4	50.4	50.6	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8
GE 900	30.9	50.7	51.2	51.7	52.1	52.1	52.1	52.3	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5
GE 800	31.5	53.3	53.9	54.6	55.0	55.0	55.0	55.3	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6
GE 700	32.4	55.8	56.5	57.2	57.6	57.6	57.6	57.9	58.0	58.0	58.0	58.2	58.2	58.2	58.2	58.2
GE 600	32.9	59.8	60.5	61.2	61.7	61.7	61.7	62.0	62.1	62.1	62.1	62.3	62.3	62.3	62.3	62.3
GE 500	33.4	63.8	64.8	66.0	66.5	66.5	66.5	66.8	66.9	66.9	66.9	67.1	67.1	67.1	67.1	67.1
GE 400	33.8	66.7	68.8	70.9	71.9	72.2	72.2	72.5	72.6	72.6	72.6	72.8	72.8	72.8	72.8	72.8
GE 300	33.8	67.3	69.7	73.0	73.8	74.2	74.2	74.5	74.6	74.6	74.6	74.8	74.8	74.8	74.8	74.8
GE 200	33.8	67.4	69.6	73.8	74.0	74.0	74.0	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4
GE 100	33.8	67.4	69.8	73.9	74.1	74.1	74.1	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5
GE 01	33.8	67.4	69.8	73.9	74.1	74.1	74.1	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5

TOTAL NUMBER OF OBSERVATIONS: 964

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANOLBERG AFB CA PERIOD OF RECORD: 64-73
MONTH: JUL HOURS(IST): 0000-0200

VISIBILITY IN STATUTE MILES																			
CEILING	IN FEET	1	10	6	5	4	3	GE	2 1/2	1 1/2	1 1/4	1	3/4	5/8	1/2	GE	5/16	1/4	0
	NO CEIL	12.4	20.0	20.0	20.0	21.3	21.7	21.9	22.2	22.7	22.7	22.8	22.8	22.8	23.1	23.1	23.1	23.3	24.2
GE	20000	12.4	20.1	20.9	21.4	21.4	21.8	22.0	22.3	22.8	22.8	22.9	22.9	22.9	23.2	23.2	23.2	23.4	24.3
GE	18000	12.4	20.1	20.9	21.4	21.4	21.8	22.0	22.3	22.8	22.8	22.9	22.9	22.9	23.2	23.2	23.2	23.4	24.3
GE	16000	12.4	20.1	20.9	21.4	21.4	21.8	22.0	22.3	22.8	22.8	22.9	22.9	22.9	23.2	23.2	23.2	23.4	24.3
GE	14000	12.4	20.1	20.9	21.4	21.4	21.8	22.0	22.3	22.8	22.8	22.9	22.9	22.9	23.2	23.2	23.2	23.5	24.4
GE	12000	12.4	20.1	20.9	21.4	21.4	21.8	22.0	22.3	22.8	22.8	22.9	22.9	22.9	23.2	23.2	23.2	23.5	24.4
GE	10000	12.4	20.1	20.9	21.5	21.5	21.9	22.2	22.4	22.9	22.9	23.0	23.0	23.0	23.3	23.3	23.3	23.7	24.5
GE	9000	12.4	20.1	20.9	21.5	21.5	21.9	22.2	22.4	22.9	22.9	23.0	23.0	23.0	23.3	23.3	23.3	23.7	24.5
GE	8000	12.4	20.1	20.9	21.5	21.5	21.9	22.2	22.4	22.9	22.9	23.0	23.0	23.0	23.3	23.3	23.3	23.7	24.5
GE	7000	12.4	20.1	20.9	21.5	21.5	21.9	22.2	22.4	22.9	22.9	23.0	23.0	23.0	23.3	23.3	23.3	23.7	24.5
GE	6000	12.4	20.1	20.9	21.5	21.5	21.9	22.2	22.4	22.9	22.9	23.0	23.0	23.0	23.3	23.3	23.3	23.7	24.5
GE	5000	12.4	20.1	20.9	21.5	21.5	21.9	22.2	22.4	22.9	22.9	23.0	23.0	23.0	23.3	23.3	23.3	23.7	24.5
GE	4500	12.4	20.1	20.9	21.5	21.5	21.9	22.2	22.4	22.9	22.9	23.0	23.0	23.0	23.3	23.3	23.3	23.7	24.5
GE	4000	12.4	20.1	20.9	21.5	21.5	21.9	22.2	22.4	22.9	22.9	23.0	23.0	23.0	23.3	23.3	23.3	23.7	24.5
GE	3500	12.4	20.1	20.9	21.5	21.5	21.9	22.2	22.4	22.9	22.9	23.0	23.0	23.0	23.3	23.3	23.3	23.7	24.5
GE	3000	12.4	20.1	20.9	21.5	21.5	21.9	22.2	22.4	22.9	22.9	23.0	23.0	23.0	23.3	23.3	23.3	23.7	24.5
GE	2500	12.4	20.1	20.9	21.5	21.5	21.9	22.2	22.4	22.9	22.9	23.0	23.0	23.0	23.3	23.3	23.3	23.7	24.5
GE	2000	12.4	20.1	20.9	21.5	21.5	21.9	22.2	22.4	22.9	22.9	23.0	23.0	23.0	23.3	23.3	23.3	23.7	24.5
GE	1800	12.4	20.1	20.9	21.5	21.5	21.9	22.2	22.4	22.9	22.9	23.0	23.0	23.0	23.3	23.3	23.3	23.7	24.5
GE	1500	12.4	20.1	20.9	21.6	21.6	22.3	22.5	22.7	23.2	23.2	23.3	23.3	23.3	23.7	23.7	24.0	24.8	24.8
GE	1200	12.4	20.5	21.3	22.0	22.0	22.7	22.9	23.1	23.7	23.7	23.8	23.8	23.8	24.1	24.1	24.4	25.3	25.3
GE	1000	12.5	20.8	21.5	22.3	22.3	22.9	23.1	23.3	23.9	23.9	24.0	24.0	24.0	24.3	24.3	24.6	25.5	25.5
GE	900	12.5	21.7	22.5	23.2	23.2	24.0	24.2	24.4	24.9	24.9	25.1	25.1	25.1	25.4	25.4	25.7	26.6	26.6
GE	800	12.7	23.2	24.0	24.7	24.7	25.5	25.7	25.9	26.5	26.5	26.6	26.6	26.6	26.9	26.9	27.2	28.1	28.1
GE	700	12.9	24.9	25.7	26.5	26.5	27.2	27.4	27.6	28.2	28.2	28.3	28.3	28.3	28.6	28.6	28.9	29.8	29.8
GE	600	12.9	26.2	27.0	27.7	27.7	28.5	28.7	28.9	29.5	29.5	29.6	29.6	29.6	29.9	29.9	30.2	31.1	31.1
GE	500	13.3	30.1	31.4	32.2	32.2	32.9	33.1	33.3	33.9	33.9	34.0	34.0	34.0	34.3	34.3	34.6	35.5	35.5
GE	400	13.4	33.0	36.3	39.2	39.2	40.6	41.2	41.8	42.5	42.5	42.6	42.6	42.6	42.9	42.9	43.2	44.1	44.1
GE	300	13.4	35.5	39.9	46.2	46.2	49.2	50.1	51.0	51.9	51.9	52.0	52.4	52.4	53.1	53.1	53.7	54.6	54.6
GE	200	13.4	35.5	39.9	47.2	47.2	51.9	53.5	55.6	58.3	58.3	60.0	61.4	61.4	63.4	63.4	68.3	72.7	72.7
GE	100	13.4	35.5	39.9	47.2	47.2	52.2	54.0	56.5	59.1	59.1	61.8	63.4	63.4	66.9	66.9	78.9	97.0	97.0
GE	0	13.4	35.5	39.9	47.2	47.2	52.2	54.0	56.5	59.1	59.1	61.8	63.4	63.4	67.0	68.1	79.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-73-81-83
MONTH: JUL HOURS(1ST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GL	GL	GL	GL	GL	GL
		10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	1/4	0
NO CEIL	7.8	12.5	13.0	13.2	13.2	13.6	13.6	14.0	14.3	14.4	14.6	14.8	14.8	14.8	15.4	16.3	
GE 20000	7.8	12.6	13.1	13.4	13.8	13.8	13.8	14.3	14.5	14.6	14.8	15.0	15.0	15.1	15.6	16.6	
GE 18000	7.9	12.8	13.2	13.5	13.9	13.9	13.9	14.4	14.6	14.7	14.9	15.1	15.1	15.2	15.9	16.7	
GE 16000	7.9	12.8	13.3	13.6	14.0	14.0	14.0	14.5	14.7	14.8	15.0	15.2	15.2	15.3	16.0	16.8	
GE 14000	7.9	12.9	13.4	13.7	14.3	14.3	14.3	14.8	15.0	15.1	15.3	15.5	15.5	15.6	16.3	17.1	
GE 12000	8.0	13.0	13.5	13.8	14.4	14.4	14.4	14.9	15.1	15.2	15.4	15.6	15.6	15.9	16.6	17.5	
GE 10000	8.0	13.2	13.7	14.0	14.6	14.6	14.6	15.1	15.3	15.4	15.6	15.9	15.9	16.1	16.8	17.7	
GE 9000	8.0	13.2	13.7	14.0	14.6	14.6	14.6	15.1	15.3	15.4	15.6	15.9	15.9	16.1	16.8	17.7	
GE 8000	8.0	13.2	13.7	14.0	14.6	14.6	14.6	15.1	15.3	15.4	15.6	15.9	15.9	16.1	16.8	17.7	
GE 7000	8.0	13.2	13.7	14.0	14.6	14.6	14.6	15.1	15.3	15.4	15.6	15.9	15.9	16.1	16.8	17.7	
GE 6000	8.0	13.2	13.7	14.0	14.6	14.6	14.6	15.1	15.3	15.4	15.6	15.9	15.9	16.1	16.8	17.7	
GE 5000	8.0	13.2	13.7	14.0	14.6	14.6	14.6	15.1	15.3	15.4	15.6	15.9	15.9	16.1	16.8	17.7	
GE 4500	8.0	13.2	13.7	14.0	14.6	14.6	14.6	15.1	15.3	15.4	15.6	15.9	15.9	16.1	16.8	17.7	
GE 4000	8.0	13.2	13.7	14.0	14.6	14.6	14.6	15.1	15.3	15.4	15.6	15.9	15.9	16.1	16.8	17.7	
GE 3500	8.0	13.2	13.7	14.0	14.6	14.6	14.6	15.1	15.3	15.4	15.6	15.9	15.9	16.1	16.8	17.7	
GE 3000	8.0	13.2	13.7	14.0	14.6	14.6	14.6	15.1	15.3	15.4	15.6	15.9	15.9	16.1	16.8	17.7	
GE 2500	8.0	13.2	13.7	14.0	14.6	14.6	14.6	15.1	15.3	15.4	15.6	15.9	15.9	16.1	16.8	17.7	
GE 2000	8.4	13.5	14.0	14.4	14.9	14.9	14.9	15.4	15.6	15.8	16.0	16.2	16.2	16.4	16.5	17.1	18.0
GE 1800	8.4	13.7	14.3	14.6	15.1	15.1	15.1	15.6	16.0	16.1	16.3	16.5	16.5	16.7	16.8	17.5	18.3
GE 1500	8.5	14.4	14.9	15.2	15.8	15.8	15.8	16.3	16.6	16.7	16.9	17.1	17.1	17.4	17.5	18.1	19.0
GE 1000	8.9	15.3	15.9	16.2	16.7	16.7	16.7	17.3	17.6	17.7	17.9	18.1	18.1	18.3	18.4	19.1	19.9
GE 900	9.1	16.8	17.4	17.9	18.4	18.4	18.4	19.0	19.3	19.4	19.6	19.8	19.8	20.0	20.2	20.8	21.7
GE 800	9.3	17.8	18.4	19.0	19.5	19.5	19.5	20.0	20.4	20.5	20.7	20.9	20.9	21.1	21.2	21.9	22.7
GE 700	10.0	19.7	20.4	21.0	21.5	21.5	21.5	22.1	22.4	22.5	22.7	22.9	22.9	23.2	23.3	23.9	24.8
GE 600	10.1	20.9	21.7	22.3	22.8	22.8	22.8	23.4	23.7	23.8	24.0	24.2	24.2	24.4	24.5	25.2	26.0
GE 500	10.5	24.7	25.5	26.3	26.8	26.8	26.8	27.3	27.6	27.9	28.1	28.3	28.3	28.5	28.6	29.3	30.1
GE 400	10.5	27.1	28.6	30.7	31.4	31.4	31.4	32.5	33.2	33.3	33.5	33.9	33.9	34.1	34.2	34.8	35.7
GE 300	10.5	28.1	30.0	33.8	36.3	36.3	36.3	38.7	40.6	40.7	41.4	41.8	41.8	42.6	42.9	43.7	45.0
GE 200	10.5	28.1	30.2	34.1	38.7	38.7	38.7	42.8	46.5	46.7	48.1	49.6	50.1	52.3	53.1	58.6	64.8
GE 100	10.5	28.1	30.2	34.3	39.0	39.0	39.0	43.2	47.6	48.6	50.1	52.4	52.8	56.8	58.5	71.4	96.0
GE	01 10.5	28.1	30.2	34.3	39.0	39.0	39.0	43.2	47.6	48.6	50.1	52.4	52.8	56.9	58.6	71.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 933

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 69-84
MONTH: JUL HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES										PERCENTAGE FREQUENCY									
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	1/8	1/16	1/32	1/64	1/128
NO CEIL	9.2	14.6	15.1	15.4	15.6	15.7	15.9	16.0	16.0	16.2	16.2	16.3	16.4	16.7	17.1	17.5	17.5	17.5	17.5	17.5
GE 20000	9.2	14.9	15.4	15.7	16.0	16.0	16.2	16.4	16.4	16.5	16.6	16.7	16.7	17.0	17.5	17.8	17.8	17.8	17.8	17.8
GE 18000	9.2	14.9	15.4	15.8	16.0	16.1	16.3	16.4	16.4	16.6	16.7	16.7	16.8	17.1	17.5	17.9	17.9	17.9	17.9	17.9
GE 16000	9.2	14.9	15.4	15.8	16.0	16.1	16.3	16.4	16.4	16.6	16.7	16.7	16.8	17.1	17.5	17.9	17.9	17.9	17.9	17.9
GE 14000	9.3	15.4	16.0	16.4	16.7	16.8	17.0	17.2	17.2	17.3	17.4	17.5	17.5	17.8	18.3	18.6	18.6	18.6	18.6	18.6
GE 12000	9.7	16.0	16.7	17.2	17.6	17.7	17.9	18.1	18.1	18.2	18.3	18.4	18.4	18.7	19.2	19.5	19.5	19.5	19.5	19.5
GE 10000	9.8	16.4	17.0	17.6	18.1	18.2	18.4	18.7	18.7	18.8	18.9	19.0	19.1	19.3	19.8	20.2	20.2	20.2	20.2	20.2
GE 9000	9.9	16.4	17.1	17.7	18.2	18.2	18.4	18.8	18.8	18.9	19.0	19.1	19.1	19.4	19.9	20.4	20.4	20.4	20.4	20.4
GE 8000	9.9	16.4	17.1	17.7	18.2	18.2	18.4	18.8	18.8	18.9	19.0	19.1	19.1	19.4	19.9	20.4	20.4	20.4	20.4	20.4
GE 7000	9.9	16.5	17.1	17.8	18.2	18.3	18.6	18.9	18.9	19.1	19.2	19.3	19.3	19.6	20.1	20.6	20.6	20.6	20.6	20.6
GE 6000	9.9	16.6	17.2	17.8	18.3	18.4	18.6	19.0	19.0	19.1	19.2	19.3	19.3	19.6	20.1	20.6	20.6	20.6	20.6	20.6
GE 5000	9.9	16.7	17.3	18.0	18.4	18.5	18.8	19.1	19.1	19.3	19.3	19.4	19.4	19.7	20.2	20.6	20.6	20.6	20.6	20.6
GE 4500	9.9	16.7	17.3	18.0	18.4	18.5	18.8	19.1	19.1	19.3	19.3	19.4	19.4	19.7	20.2	20.6	20.6	20.6	20.6	20.6
GE 4000	9.9	16.7	17.3	18.0	18.4	18.5	18.8	19.1	19.1	19.3	19.3	19.4	19.4	19.7	20.2	20.6	20.6	20.6	20.6	20.6
GE 3500	9.9	16.7	17.3	18.0	18.4	18.5	18.8	19.1	19.1	19.3	19.3	19.4	19.4	19.7	20.2	20.6	20.6	20.6	20.6	20.6
GE 3000	10.0	16.8	17.4	18.1	18.6	18.6	18.9	19.3	19.3	19.4	19.5	19.5	19.5	19.8	20.3	20.7	20.7	20.7	20.7	20.7
GE 2500	10.2	17.1	17.8	18.4	19.0	19.1	19.3	19.7	19.7	19.8	19.9	19.9	19.9	20.3	20.8	21.1	21.1	21.1	21.1	21.1
GE 2000	10.7	17.6	18.3	19.0	19.5	19.7	19.9	20.4	20.4	20.5	20.6	20.6	20.6	20.7	21.0	21.5	21.5	21.5	21.5	21.5
GE 1800	10.8	17.8	18.4	19.1	19.7	19.8	20.1	20.5	20.5	20.6	20.7	20.7	20.8	21.1	21.6	21.9	21.9	21.9	21.9	21.9
GE 1500	11.0	18.2	18.6	19.5	20.1	20.2	20.5	21.0	21.0	21.1	21.2	21.2	21.3	21.6	22.1	22.4	22.4	22.4	22.4	22.4
GE 1200	11.4	19.1	19.9	20.6	21.2	21.3	21.6	22.1	22.1	22.2	22.3	22.3	22.4	22.7	23.2	23.5	23.5	23.5	23.5	23.5
GE 1000	12.1	20.4	21.4	22.1	22.7	22.8	23.1	23.6	23.6	23.7	23.8	23.9	24.0	24.3	24.7	25.1	25.1	25.1	25.1	25.1
GE 900	12.3	21.4	22.5	23.4	24.0	24.2	24.5	24.9	24.9	25.1	25.2	25.2	25.4	25.6	26.1	26.5	26.5	26.5	26.5	26.5
GE 800	12.8	23.0	24.3	25.3	25.9	26.1	26.4	26.9	26.9	27.0	27.1	27.1	27.3	27.6	28.0	28.4	28.4	28.4	28.4	28.4
GE 700	13.0	24.4	25.8	26.9	27.6	27.9	28.3	28.9	28.9	29.0	29.1	29.2	29.3	29.6	30.1	30.4	30.4	30.4	30.4	30.4
GE 600	13.2	26.0	27.8	29.6	30.7	31.1	31.5	32.1	32.1	32.2	32.5	32.6	32.7	33.0	33.5	33.9	33.9	33.9	33.9	33.9
GE 500	13.3	27.8	30.2	33.2	35.0	35.6	36.2	36.9	36.9	37.1	37.4	37.4	37.6	37.9	38.7	39.0	39.0	39.0	39.0	39.0
GE 400	13.3	28.2	30.9	35.6	39.2	40.8	42.8	44.6	44.6	45.0	45.6	45.6	46.0	46.4	47.2	47.7	47.7	47.7	47.7	47.7
GE 300	13.3	28.3	31.1	36.7	41.5	43.3	46.5	51.1	51.1	53.3	54.9	55.3	57.0	57.8	59.8	61.0	61.0	61.0	61.0	61.0
GE 200	13.3	28.3	31.2	36.9	42.3	44.4	47.9	54.1	54.1	57.8	60.9	62.2	65.9	68.3	75.5	80.8	80.8	80.8	80.8	80.8
GE 100	13.3	28.3	31.2	36.9	42.4	44.5	48.0	54.2	54.2	58.5	61.8	63.5	68.2	71.2	82.4	97.6	97.6	97.6	97.6	97.6
GE 0	13.3	28.3	31.2	36.9	42.4	44.5	48.0	54.2	55.0	58.5	61.9	63.6	68.3	71.5	82.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 1459

PERIOD OF RECORD: 64-84
MONTH: JUL HOURS(LST): 0900-1100

VISIBILITY IN STATUTE MILL

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 1665

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VFKSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: JUL HOURS(IST): 1500-1700

CEILING IN FEET		VISIBILITY IN STATUTE MILES													
		1	2	3	4	5	6	GE	GE	GE	GE	1/4	1/2	5/8	1 1/4
NO CEIL	1 37.4	54.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 20000	1 37.9	55.1	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 18000	1 38.1	55.3	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 16000	1 38.1	55.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 14000	1 38.4	56.0	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 12000	1 38.8	56.5	57.5	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 10000	1 39.2	57.2	58.3	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 9000	1 39.3	57.3	58.4	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 8000	1 39.4	57.4	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 7000	1 39.4	57.4	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 6000	1 39.4	57.5	58.6	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 5000	1 39.4	57.6	58.7	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 4500	1 39.4	57.6	58.7	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 4000	1 39.4	57.7	58.8	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 3500	1 39.4	57.7	58.8	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 3000	1 39.4	57.8	58.9	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 2500	1 39.6	58.1	59.2	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 2000	1 39.6	58.2	59.3	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 1800	1 39.6	58.3	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 1500	1 40.0	59.0	60.1	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 1200	1 41.0	61.0	62.1	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 1000	1 42.3	64.1	65.3	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 900	1 43.7	68.5	70.0	70.5	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 800	1 44.5	73.3	75.6	76.6	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 700	1 44.9	77.3	80.3	82.0	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 600	1 45.2	80.7	84.4	86.9	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 500	1 45.4	82.7	87.7	92.1	93.5	93.8	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 400	1 45.4	83.2	88.6	93.8	95.7	96.2	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 300	1 45.4	83.3	88.9	94.3	96.8	97.5	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 200	1 45.4	83.3	88.9	94.4	96.9	97.6	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 100	1 45.4	83.3	88.9	94.4	96.9	97.6	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 0	1 45.4	83.3	88.9	94.4	96.9	97.6	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS: 1453

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-74, 79, 81-83
MONTH: JUL HOURS(LST): 1800-2000

VISIBILITY IN STATUTE MILES																				
CEILING	GE	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	1/8					
IN FEET	10	6	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE					
NO CEIL	1 24.6	33.8	34.1	34.2	34.5	34.6	34.6	34.6	34.8	34.9	35.0	35.0	35.0	35.1	35.1					
GE 20000	1 24.9	34.1	34.5	34.6	34.9	35.0	35.0	35.0	35.2	35.3	35.4	35.4	35.4	35.5	35.5					
GE 18000	1 24.9	34.2	34.6	34.7	35.0	35.1	35.1	35.1	35.3	35.4	35.5	35.5	35.5	35.6	35.6					
GE 16000	1 24.9	34.2	34.6	34.7	35.0	35.1	35.1	35.1	35.3	35.4	35.5	35.5	35.5	35.6	35.6					
GE 14000	1 25.0	34.4	34.8	35.0	35.3	35.4	35.4	35.4	35.6	35.7	35.8	35.9	35.9	36.0	36.0					
GE 12000	1 25.2	34.9	35.3	35.6	36.0	36.1	36.2	36.2	36.4	36.5	36.5	36.6	36.6	36.7	36.7					
GE 10000	1 25.5	35.4	35.8	36.1	36.5	36.6	36.6	36.6	36.8	36.9	37.0	37.1	37.1	37.2	37.2					
GE 9000	1 25.7	35.6	36.0	36.3	36.6	36.7	36.7	36.7	36.8	37.0	37.1	37.2	37.3	37.4	37.4					
GE 8000	1 25.7	35.6	36.0	36.3	36.6	36.7	36.7	36.7	36.8	37.0	37.1	37.2	37.3	37.4	37.4					
GE 7000	1 25.7	35.6	36.0	36.3	36.6	36.7	36.7	36.7	36.8	37.0	37.1	37.2	37.3	37.4	37.4					
GE 6000	1 25.7	35.6	36.0	36.3	36.6	36.7	36.7	36.7	36.8	37.0	37.1	37.2	37.3	37.4	37.4					
GE 5000	1 25.7	35.6	36.0	36.3	36.6	36.7	36.7	36.7	36.8	37.0	37.1	37.2	37.3	37.4	37.4					
GE 4500	1 25.7	35.6	36.0	36.3	36.6	36.7	36.7	36.7	36.8	37.0	37.1	37.2	37.3	37.4	37.4					
GE 4000	1 25.7	35.6	36.0	36.3	36.6	36.7	36.7	36.7	36.8	37.0	37.1	37.2	37.3	37.4	37.4					
GE 3500	1 25.7	35.6	36.0	36.3	36.6	36.7	36.7	36.7	36.8	37.0	37.1	37.2	37.3	37.4	37.4					
GE 3000	1 25.7	35.6	36.0	36.3	36.6	36.7	36.7	36.7	36.8	37.0	37.1	37.2	37.3	37.4	37.4					
GE 2500	1 25.7	35.7	36.1	36.4	36.7	36.8	36.8	36.8	36.9	37.1	37.2	37.3	37.4	37.5	37.5					
GE 2000	1 25.7	35.7	36.1	36.4	36.7	36.8	36.8	36.8	36.9	37.1	37.2	37.3	37.4	37.5	37.5					
GE 1800	1 25.7	35.7	36.1	36.4	36.7	36.8	36.8	36.8	36.9	37.1	37.2	37.3	37.4	37.5	37.5					
GE 1500	1 25.8	35.9	36.3	36.5	36.9	37.0	37.0	37.0	37.1	37.3	37.4	37.5	37.6	37.7	37.7					
GE 1200	1 26.3	36.5	36.9	37.2	37.6	37.7	37.7	37.7	37.8	38.0	38.1	38.2	38.3	38.4	38.4					
GE 1000	1 27.6	38.4	39.1	39.4	39.4	39.5	39.6	39.6	39.8	39.9	40.0	40.1	40.1	40.2	40.2					
GE 900	1 28.5	40.5	40.9	41.2	41.6	41.7	41.8	41.8	41.9	42.0	42.1	42.2	42.2	42.3	42.3					
GE 800	1 29.5	43.2	43.9	44.3	44.6	44.7	44.8	44.8	45.0	45.1	45.2	45.3	45.3	45.4	45.4					
GE 700	1 31.1	47.3	48.2	49.3	49.7	49.8	50.0	50.0	50.1	50.2	50.3	50.4	50.4	50.5	50.5					
GE 600	1 31.5	50.7	52.3	54.1	54.6	54.7	54.9	54.9	55.2	55.3	55.4	55.4	55.4	55.5	55.5					
GE 500	1 31.9	55.1	57.6	61.0	62.5	62.7	62.9	62.9	63.3	63.4	63.5	63.5	63.5	63.6	63.6					
GE 400	1 32.1	57.6	61.7	67.0	69.9	70.3	71.2	71.2	71.7	71.9	72.1	72.4	72.4	72.5	72.5					
GE 300	1 32.1	58.2	62.7	69.5	74.2	74.7	76.2	76.2	77.5	77.7	78.5	79.2	79.6	80.0	80.0					
GE 200	1 32.1	58.2	62.8	70.0	75.5	76.4	78.6	78.6	80.7	81.2	82.4	84.6	85.7	91.0	92.7					
GE 100	1 32.1	58.2	62.8	70.0	75.5	76.4	78.6	78.6	80.9	81.4	82.8	85.1	86.5	94.5	98.5					
GE 01	1 32.1	58.2	62.8	70.0	75.5	76.4	78.6	78.6	80.9	81.4	82.8	85.1	86.5	94.7	100.0					

TOTAL NUMBER OF OBSERVATIONS: 1037

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-74.83
MONTH: JUL HOURS(LST): 2100-2300

		VISIBILITY IN STATUTE MILES															
CEILING		1		2		3		4		5		6		7		8	
IN	FEET	GE	GL	GE	GL	GE	GL	GE	GL	GE	GL	GE	GL	GE	GL	GE	GL
		10	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	3	4	5	6	0
NO CEIL	16.7	28.5	28.5	28.6	28.6	28.6	28.7	28.8	28.9	28.9	28.9	29.0	29.0	29.1	29.1	29.2	29.9
GE 20000	16.7	28.7	28.7	28.8	28.8	28.8	28.9	29.0	29.1	29.1	29.1	29.2	29.2	29.3	29.3	29.4	30.1
GE 18000	16.7	28.7	28.7	28.8	28.8	28.8	28.9	29.0	29.1	29.1	29.1	29.2	29.2	29.3	29.3	29.4	30.1
GE 16000	16.7	28.7	28.7	28.8	28.8	28.8	28.9	29.0	29.1	29.1	29.1	29.2	29.2	29.3	29.3	29.4	30.1
GE 14000	16.7	28.8	28.8	28.9	28.9	28.9	29.0	29.1	29.2	29.2	29.2	29.3	29.3	29.4	29.4	29.5	30.2
GE 12000	16.7	29.3	29.3	29.4	29.5	29.5	29.6	29.7	29.8	29.8	29.8	29.9	29.9	30.0	30.0	30.1	30.8
GE 10000	16.8	29.4	29.4	29.5	29.6	29.6	29.7	29.8	29.9	29.9	29.9	30.0	30.0	30.1	30.1	30.2	30.9
GE 9000	16.8	29.4	29.4	29.5	29.6	29.6	29.7	29.8	29.9	29.9	29.9	30.0	30.0	30.1	30.1	30.2	30.9
GE 8000	16.8	29.4	29.4	29.5	29.6	29.6	29.7	29.8	29.9	29.9	29.9	30.0	30.0	30.1	30.1	30.2	30.9
GE 7000	16.8	29.4	29.4	29.5	29.6	29.6	29.7	29.8	29.9	29.9	29.9	30.0	30.0	30.1	30.1	30.2	30.9
GE 6000	16.8	29.4	29.4	29.5	29.6	29.6	29.7	29.8	29.9	29.9	29.9	30.0	30.0	30.1	30.1	30.2	30.9
GE 5000	16.8	29.4	29.4	29.5	29.6	29.6	29.7	29.8	29.9	29.9	29.9	30.0	30.0	30.1	30.1	30.2	30.9
GE 4500	16.8	29.4	29.4	29.5	29.6	29.6	29.7	29.8	29.9	29.9	29.9	30.0	30.0	30.1	30.1	30.2	30.9
GE 4000	16.8	29.4	29.4	29.5	29.6	29.6	29.7	29.8	29.9	29.9	29.9	30.0	30.0	30.1	30.1	30.2	30.9
GE 3500	16.8	29.4	29.4	29.5	29.6	29.6	29.7	29.8	29.9	29.9	29.9	30.0	30.0	30.1	30.1	30.2	30.9
GE 3000	16.8	29.4	29.4	29.5	29.6	29.6	29.7	29.8	29.9	29.9	29.9	30.0	30.0	30.1	30.1	30.2	30.9
GE 2500	16.8	29.4	29.4	29.5	29.6	29.6	29.7	29.8	29.9	29.9	29.9	30.0	30.0	30.1	30.1	30.2	30.9
GE 2000	16.8	29.4	29.4	29.5	29.6	29.6	29.7	29.8	29.9	29.9	29.9	30.0	30.0	30.1	30.1	30.2	30.9
GE 1800	16.8	29.4	29.4	29.5	29.6	29.6	29.7	29.8	29.9	29.9	29.9	30.0	30.0	30.1	30.1	30.2	30.9
GE 1500	17.0	29.6	29.6	29.7	29.8	29.8	29.9	30.0	30.1	30.1	30.1	30.2	30.2	30.3	30.3	30.4	31.1
GE 1200	17.1	29.7	29.7	29.8	29.9	29.9	30.0	30.1	30.2	30.2	30.2	30.3	30.3	30.4	30.4	30.6	31.3
GE 1000	17.4	30.4	30.4	30.6	30.7	30.7	30.8	30.9	31.0	31.0	31.0	31.1	31.1	31.2	31.2	31.3	32.0
GE 900	17.6	31.4	31.5	31.6	31.7	31.8	31.8	31.9	32.0	32.0	32.0	32.1	32.1	32.2	32.2	32.3	33.0
GE 800	18.1	33.1	33.2	33.3	33.4	33.5	33.5	33.6	33.7	33.7	33.7	33.8	33.8	33.9	33.9	34.0	34.7
GE 700	18.2	35.0	35.1	35.2	35.3	35.4	35.4	35.5	35.6	35.6	35.6	35.7	35.7	35.8	35.8	35.9	36.6
GE 600	18.8	38.4	38.5	38.8	39.0	39.1	39.1	39.2	39.3	39.3	39.3	39.4	39.4	39.5	39.5	39.6	40.3
GE 500	19.3	42.2	43.0	43.9	44.1	44.3	44.4	44.4	44.5	44.5	44.5	44.6	44.6	44.7	44.7	44.8	45.5
GE 400	19.5	47.3	49.1	52.1	52.8	53.2	53.4	53.5	53.8	53.8	53.8	53.9	53.9	54.0	54.0	54.2	54.7
GE 300	19.6	48.7	51.4	56.7	60.4	61.5	61.8	62.3	62.6	62.6	62.6	62.9	63.0	63.2	63.3	63.5	64.1
GE 200	19.6	49.2	52.2	58.4	64.2	65.6	67.2	69.1	70.0	71.1	72.6	73.2	74.2	75.2	75.2	75.2	81.6
GE 100	19.6	49.2	52.2	58.4	64.4	65.9	67.7	70.2	71.2	73.7	75.7	76.6	78.2	79.4	79.4	79.4	96.8
GE 0	19.6	49.2	52.2	58.4	64.4	65.9	67.7	70.2	71.2	73.7	75.7	76.6	78.3	79.5	79.5	79.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 996

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: JUL HOURS(15): ALL

CEILING		VISIBILITY IN STATUTE MILES																ALL			
IN	FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	10	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NO	CEIL	1	24.3	37.2	38.0	38.4	38.6	38.7	38.8	38.9	38.9	38.9	39.0	39.0	39.1	39.1	39.1	39.1	39.3	39.6	
GE	20000	1	24.4	37.7	38.5	38.9	39.2	39.2	39.3	39.5	39.5	39.5	39.6	39.6	39.7	39.7	39.7	39.7	39.9	40.1	40.1
GE	18000	1	24.5	37.8	38.7	39.1	39.4	39.4	39.5	39.6	39.7	39.7	39.8	39.8	39.9	39.9	39.9	39.9	40.1	40.3	40.3
GE	16000	1	24.5	38.0	38.8	39.2	39.5	39.5	39.6	39.7	39.8	39.8	39.9	39.9	40.0	40.0	40.0	40.0	40.2	40.5	40.5
GE	14000	1	24.7	38.3	39.2	39.6	39.9	39.9	40.1	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.4	40.6	40.9	40.9
GE	12000	1	25.0	38.8	39.7	40.2	40.5	40.6	40.7	40.9	40.9	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.3	41.6	41.6
GE	10000	1	25.2	39.3	40.2	40.7	41.0	41.1	41.2	41.4	41.4	41.4	41.5	41.5	41.5	41.5	41.5	41.6	41.8	42.1	42.1
GE	9000	1	25.3	39.3	40.2	40.7	41.1	41.1	41.3	41.4	41.4	41.4	41.5	41.5	41.5	41.5	41.5	41.6	41.9	42.1	42.1
GE	8000	1	25.3	39.3	40.3	40.8	41.1	41.2	41.3	41.4	41.4	41.4	41.5	41.5	41.5	41.5	41.5	41.6	41.9	42.1	42.1
GE	7000	1	25.3	39.4	40.3	40.8	41.1	41.2	41.3	41.5	41.5	41.5	41.6	41.6	41.6	41.6	41.6	41.7	41.8	41.9	41.9
GE	6000	1	25.3	39.5	40.4	40.9	41.2	41.3	41.4	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.8	42.0	42.3	42.3
GE	5000	1	25.3	39.6	40.5	41.0	41.3	41.4	41.5	41.7	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.9	42.1	42.4	42.4
GE	4500	1	25.3	39.6	40.5	41.0	41.3	41.4	41.5	41.7	41.7	41.7	41.8	41.8	41.8	41.8	41.9	42.0	42.2	42.4	42.4
GE	4000	1	25.4	39.6	40.5	41.1	41.4	41.5	41.6	41.7	41.7	41.7	41.8	41.8	41.8	41.9	42.0	42.1	42.2	42.4	42.4
GE	3500	1	25.4	39.6	40.6	41.1	41.4	41.5	41.6	41.7	41.7	41.7	41.8	41.8	41.8	41.9	42.0	42.1	42.2	42.4	42.4
GE	3000	1	25.4	39.7	40.6	41.1	41.5	41.5	41.7	41.7	41.7	41.7	41.8	41.8	41.8	41.9	42.0	42.1	42.2	42.4	42.4
GE	2500	1	25.5	39.8	40.6	41.3	41.6	41.7	41.8	42.0	42.0	42.0	42.1	42.1	42.1	42.1	42.2	42.2	42.4	42.7	42.7
GE	2000	1	25.7	40.1	41.1	41.6	41.9	42.0	42.1	42.3	42.3	42.3	42.4	42.4	42.4	42.4	42.5	42.6	42.8	43.0	43.0
GE	1800	1	25.9	40.3	41.3	41.8	42.1	42.2	42.3	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.7	42.8	43.0	43.2	43.2
GE	1500	1	26.2	40.9	41.8	42.4	42.7	42.8	42.9	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.3	43.4	43.6	43.8	43.8
GE	1200	1	26.7	42.1	43.1	43.6	44.0	44.1	44.2	44.4	44.4	44.4	44.5	44.5	44.5	44.5	44.6	44.6	44.8	45.1	45.1
GE	1000	1	27.5	44.0	45.1	45.7	46.1	46.2	46.3	46.5	46.5	46.5	46.6	46.6	46.6	46.6	46.7	46.7	46.9	47.2	47.2
GE	900	1	28.2	46.3	47.6	48.3	48.7	48.8	48.9	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.3	49.4	49.6	49.8	49.8
GE	800	1	28.6	48.7	50.3	51.2	51.7	51.8	51.9	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.4	52.4	52.6	52.9	52.9
GE	700	1	29.0	51.2	53.2	54.6	55.2	55.3	55.5	55.7	55.7	55.7	55.8	55.8	55.8	55.9	55.9	56.0	56.2	56.4	56.4
GE	600	1	29.3	53.6	56.1	58.2	58.9	59.1	59.3	59.6	59.6	59.6	59.7	59.7	59.7	59.8	59.8	59.9	60.1	60.4	60.4
GE	500	1	29.5	56.3	59.6	62.9	64.2	64.5	64.8	65.2	65.2	65.3	65.3	65.3	65.4	65.4	65.6	65.6	65.8	66.1	66.1
GE	400	1	29.5	57.8	62.0	66.6	68.8	69.5	70.3	71.0	71.0	71.1	71.3	71.3	71.5	71.5	71.7	71.8	72.1	72.3	72.3
GE	300	1	29.6	58.4	62.9	68.6	72.0	72.9	74.3	75.9	75.9	76.0	76.6	76.6	77.1	77.2	77.7	77.9	78.4	78.9	78.9
GE	200	1	29.6	58.5	63.0	69.0	73.1	74.2	76.2	78.5	78.5	78.9	80.0	80.0	81.3	81.8	83.2	83.9	86.5	88.8	88.8
GE	100	1	29.6	58.5	63.0	69.1	73.2	74.4	76.4	78.9	78.9	79.3	80.8	80.8	82.3	82.9	84.8	85.8	91.0	98.5	98.5
GE	01	29.6	58.5	63.0	69.1	73.2	74.4	76.4	78.9	78.9	79.3	80.8	82.3	82.9	84.8	85.8	85.9	91.2	100.0		

TOTAL NUMBER OF OBSERVATIONS: 10133

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-73,78,81,83-84
MONTH: AUG HOURS(LST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES																												
IN FEET	10	GE	6	GE	5	GE	4	GE	3	GE	2 1/2	GE	2	GE	1 1/2	GE	1	GE	3/4	GE	5/8	GE	1/2	GE	5/16	GE	1/4	GE	0	
NO CEIL	10.0	18.8	19.3	20.2	21.1	21.1	21.1	21.3	21.5	21.6	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
GE 20000	10.0	19.0	19.5	20.4	21.3	21.3	21.3	21.5	21.7	21.8	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
GE 18000	10.0	19.0	19.5	20.4	21.3	21.3	21.3	21.5	21.7	21.8	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
GE 16000	10.0	19.0	19.5	20.4	21.3	21.3	21.3	21.5	21.7	21.8	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
GE 14000	10.2	19.2	19.7	20.6	21.5	21.5	21.5	21.7	21.9	22.0	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
GE 12000	10.2	19.3	19.8	20.8	21.6	21.6	21.6	21.8	22.0	22.1	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 10000	10.2	19.3	19.8	20.8	21.6	21.6	21.6	21.8	22.0	22.1	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 9000	10.2	19.3	19.8	20.8	21.6	21.6	21.6	21.8	22.0	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
GE 8000	10.5	19.6	20.1	21.1	21.9	22.1	21.9	22.3	22.5	22.6	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
GE 7000	10.5	19.6	20.1	21.1	21.9	22.1	21.9	22.3	22.5	22.6	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
GE 6000	10.5	19.6	20.1	21.1	21.9	22.1	21.9	22.3	22.5	22.6	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
GE 5000	10.5	19.6	20.1	21.1	21.9	22.1	21.9	22.3	22.5	22.6	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
GE 4500	10.5	19.6	20.1	21.1	21.9	22.1	21.9	22.3	22.5	22.6	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
GE 4000	10.5	19.6	20.1	21.1	21.9	22.1	21.9	22.3	22.5	22.6	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
GE 3500	10.5	19.7	20.2	21.2	22.0	22.2	22.0	22.4	22.6	22.7	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
GE 3000	10.5	19.8	20.3	21.3	22.1	22.3	22.1	22.5	22.7	22.8	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
GE 2500	10.5	19.8	20.3	21.3	22.1	22.3	22.1	22.5	22.7	22.8	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
GE 2000	10.5	19.9	20.4	21.4	22.2	22.4	22.2	22.6	22.8	22.9	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 1800	10.5	20.1	20.6	21.6	22.4	22.6	22.4	22.8	23.0	23.1	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
GE 1500	10.5	20.4	21.0	21.9	22.7	22.9	22.7	23.1	23.4	23.5	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
GE 1200	10.5	20.8	21.3	22.2	23.0	23.3	23.0	23.5	23.7	23.8	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
GE 1000	10.5	21.4	21.9	22.8	23.7	23.9	23.7	24.1	24.3	24.4	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
GE 900	10.7	22.1	22.6	23.6	24.6	24.8	24.6	25.1	25.3	25.4	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
GE 800	10.7	23.1	23.7	24.8	25.7	25.9	25.7	26.2	26.4	26.5	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
GE 700	10.9	24.8	25.3	26.5	27.3	27.5	27.3	27.8	28.1	28.2	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 600	10.9	26.5	27.0	28.3	29.1	29.3	29.1	29.6	29.8	29.9	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
GE 500	11.3	28.4	29.1	30.6	31.4	31.6	31.4	32.2	32.4	32.5	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
GE 400	11.4	31.7	33.4	36.4	38.0	38.2	38.0	39.0	39.2	39.3	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 300	11.4	32.6	34.8	39.9	43.6	44.1	43.6	45.2	45.7	45.8	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 200	11.4	32.6	35.3	41.4	45.9	46.6	45.9	48.3	52.0	52.9	55.5	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 100	11.4	32.6	35.3	41.5	46.2	47.0	46.2	48.7	52.8	53.7	56.7	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 01	11.4	32.6	35.3	41.5	46.2	47.0	46.2	48.7	52.8	53.7	56.7	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3

TOTAL NUMBER OF OBSERVATIONS: 959

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VENSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-84
MONTH: AUG HOURS(LST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES																			
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0				
NO CEIL	1	8.1	13.1	13.9	14.3	14.8	15.1	15.5	15.5	15.5	15.7	16.1	16.3	16.5	16.8	17.3	17.8				
GE 20000	1	8.3	13.3	14.1	14.6	15.1	15.4	15.7	15.7	15.8	16.0	16.4	16.5	16.8	17.1	17.5	18.1				
GE 18000	1	8.5	13.5	14.3	14.8	15.3	15.6	15.9	16.0	16.0	16.2	16.6	16.7	17.0	17.3	17.7	18.3				
GE 16000	1	8.5	13.5	14.3	14.8	15.3	15.6	15.9	16.0	16.0	16.2	16.6	16.7	17.0	17.3	17.7	18.3				
GE 14000	1	8.7	13.9	14.7	15.1	15.7	16.1	16.5	16.5	16.5	16.7	17.1	17.3	17.5	17.9	18.3	18.9				
GE 12000	1	9.0	14.3	15.1	15.6	16.2	16.5	17.0	17.1	17.1	17.3	17.7	17.9	18.1	18.5	18.9	19.5				
GE 10000	1	9.4	15.0	15.8	16.3	16.9	17.2	17.7	17.8	17.8	18.1	18.5	18.6	18.9	19.2	19.7	20.3				
GE 9000	1	9.5	15.1	15.9	16.3	16.9	17.3	17.8	17.9	17.9	18.1	18.5	18.7	18.9	19.3	19.8	20.3				
GE 8000	1	9.7	15.3	16.1	16.6	17.2	17.5	18.1	18.1	18.1	18.4	18.8	18.9	19.2	19.5	20.1	20.6				
GE 7000	1	9.7	15.3	16.1	16.6	17.2	17.5	18.1	18.1	18.1	18.4	18.8	18.9	19.2	19.5	20.1	20.6				
GE 6000	1	9.7	15.3	16.1	16.6	17.2	17.5	18.1	18.1	18.1	18.4	18.8	18.9	19.2	19.5	20.1	20.6				
GE 5000	1	9.7	15.4	16.2	16.7	17.3	17.6	18.2	18.3	18.3	18.5	18.9	19.1	19.3	19.7	20.2	20.7				
GE 4500	1	9.7	15.4	16.2	16.7	17.3	17.6	18.2	18.3	18.3	18.5	18.9	19.1	19.3	19.7	20.2	20.7				
GE 4000	1	9.8	15.5	16.3	16.7	17.3	17.7	18.3	18.3	18.3	18.6	19.0	19.1	19.4	19.7	20.3	20.8				
GE 3500	1	9.9	15.5	16.3	16.8	17.4	17.7	18.3	18.4	18.4	18.7	19.1	19.2	19.5	19.8	20.3	20.9				
GE 3000	1	9.9	15.7	16.5	17.0	17.6	17.9	18.5	18.6	18.6	18.9	19.3	19.4	19.7	20.0	20.5	21.1				
GE 2500	1	10.3	16.1	16.9	17.5	18.1	18.4	19.0	19.1	19.1	19.3	19.7	19.9	20.1	20.5	21.0	21.5				
GE 2000	1	10.3	16.2	17.0	17.5	18.1	18.5	19.1	19.1	19.1	19.4	19.8	19.9	20.2	20.5	21.1	21.6				
GE 1800	1	10.3	16.5	17.3	17.9	18.5	18.8	19.4	19.5	19.5	19.7	20.1	20.3	20.5	20.9	21.4	21.9				
GE 1500	1	10.5	17.1	17.9	18.5	19.1	19.4	20.0	20.1	20.1	20.3	20.7	20.9	21.1	21.5	22.0	22.5				
GE 1200	1	10.9	17.9	18.9	19.4	20.0	20.3	20.9	21.0	21.0	21.3	21.7	21.8	22.1	22.4	22.9	23.5				
GE 1000	1	11.4	19.3	20.3	20.8	21.4	21.7	22.4	22.5	22.5	22.7	23.1	23.3	23.5	23.9	24.4	24.9				
GE 900	1	11.7	20.1	21.1	21.6	22.3	22.6	23.3	23.3	23.3	23.6	24.0	24.1	24.4	24.7	25.3	25.8				
GE 800	1	11.9	21.4	22.7	23.4	24.3	24.6	25.3	25.4	25.4	25.7	26.1	26.2	26.5	26.8	27.4	27.9				
GE 700	1	11.9	22.5	24.0	24.9	26.0	26.5	27.3	27.4	27.4	27.7	28.1	28.2	28.5	28.8	29.4	29.9				
GE 600	1	11.9	23.3	25.3	26.0	27.8	28.4	29.3	29.4	29.4	29.8	30.2	30.4	30.6	31.0	31.5	32.0				
GE 500	1	11.9	24.1	26.9	29.0	32.0	32.9	34.2	34.4	34.5	34.8	35.3	35.5	35.8	36.2	36.7	37.4				
GE 400	1	12.0	24.5	27.8	31.8	35.4	36.7	38.6	40.2	40.5	41.2	42.0	42.5	43.2	43.6	44.6	45.6				
GE 300	1	12.0	24.5	27.9	32.4	37.2	39.6	43.0	46.6	47.2	49.2	51.7	52.6	54.0	55.2	56.9	59.0				
GE 200	1	12.0	24.5	27.9	32.6	37.5	40.4	44.7	49.2	50.2	53.4	57.1	59.0	62.6	65.2	72.2	79.2				
GE 100	1	12.0	24.5	27.9	32.6	37.5	40.4	44.7	49.4	50.4	53.6	57.6	59.6	63.6	67.2	80.7	98.6				
GE 01	1	12.0	24.5	27.9	32.6	37.5	40.4	44.7	49.4	50.4	53.6	57.6	59.6	63.7	67.4	81.1	100.0				

TOTAL NUMBER OF OBSERVATIONS: 1499

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: AUG HOURS(151): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
NO	CEIL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
GE	20000	26.5	43.6	44.4	45.6	44.9	45.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE	18000	26.8	44.4	45.6	46.0	46.0	46.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE	16000	27.0	44.6	45.6	46.0	46.0	46.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE	14000	27.2	44.9	46.3	47.2	47.2	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE	12000	28.1	46.2	47.7	48.6	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE	10000	28.2	46.7	48.2	49.2	49.2	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE	9000	28.3	46.8	48.3	49.3	49.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE	8000	28.5	47.0	48.5	49.5	49.5	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE	7000	28.5	47.0	48.6	49.6	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE	6000	28.5	47.0	48.6	49.6	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE	5000	28.6	47.2	48.7	49.7	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE	4500	28.8	47.3	48.8	49.8	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE	4000	28.8	47.3	48.8	49.8	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE	3500	28.8	47.3	48.8	49.8	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE	3000	28.8	47.4	48.9	49.9	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE	2500	28.9	47.6	49.2	50.1	50.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE	2000	29.2	48.2	49.8	50.8	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE	1800	29.5	48.7	50.3	51.3	51.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE	1500	30.1	49.8	51.5	52.5	52.5	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE	1200	30.7	51.3	53.1	54.1	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE	1000	31.6	54.2	56.4	57.6	57.6	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE	900	32.0	56.5	58.9	60.4	60.4	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE	800	32.5	59.3	62.4	64.6	64.6	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE	700	32.7	61.7	66.4	69.4	69.4	70.3	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE	600	32.8	63.6	69.2	73.5	73.5	74.8	74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE	500	32.8	64.7	72.0	78.6	78.6	81.6	82.1	82.5	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9
GE	400	32.8	65.2	72.9	81.3	81.3	86.1	87.6	89.2	90.5	90.6	90.7	90.9	91.0	91.0	91.0	91.0
GE	300	32.8	65.3	73.2	82.1	82.1	87.5	89.3	91.6	93.9	94.4	95.1	95.7	95.9	96.3	96.4	96.7
GE	200	32.8	65.4	73.3	82.2	82.2	87.6	89.6	91.9	94.6	95.1	96.0	96.8	97.2	98.3	98.5	99.4
GE	100	32.8	65.4	73.3	82.2	82.2	87.6	89.6	91.9	94.6	95.1	96.0	96.8	97.2	98.3	98.7	99.6
GE	0	32.8	65.4	73.3	82.2	82.2	87.6	89.6	91.9	94.6	95.1	96.0	96.8	97.2	98.3	98.7	99.6

TOTAL NUMBER OF OBSERVATIONS: 1707

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-84
MONTH: AUG HOURS(IST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES																								
IN	FEET	1	GE	10	GE	6	GE	5	GE	4	GE	3	2	1/2	2	1	1/2	1	1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO	CEIL	1	43.2	67.6	69.2	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE	20000	44.2	69.2	70.6	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE	18000	44.2	69.2	70.8	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE	16000	44.2	69.2	70.9	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE	14000	44.4	69.6	71.2	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE	12000	45.1	70.4	72.1	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE	10000	45.1	70.8	72.5	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE	9000	45.1	70.8	72.5	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE	8000	45.4	71.1	72.7	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE	7000	45.4	71.1	72.8	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE	6000	45.5	71.2	72.8	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE	5000	45.7	71.4	73.1	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE	4500	45.8	71.5	73.2	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE	4000	45.9	71.6	73.2	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE	3500	45.9	71.6	73.2	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE	3000	46.1	71.9	73.5	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE	2500	46.2	72.2	73.9	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE	2000	46.6	72.8	74.5	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE	1800	46.9	73.4	75.0	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE	1500	47.6	74.5	76.2	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE	1200	48.7	77.2	78.9	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE	1000	49.5	80.6	82.6	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE	900	49.8	82.6	85.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE	800	49.8	84.5	87.1	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE	700	49.9	86.7	89.7	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE	600	50.0	87.9	92.1	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE	500	50.0	88.6	93.6	97.1	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE	400	50.0	88.7	94.0	97.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE	300	50.0	88.8	94.1	97.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	200	50.0	88.9	94.2	98.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	100	50.0	88.9	94.2	98.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE	0	50.0	88.9	94.2	98.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 1700

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-84
MONTH: AUG HOURS(LST): 1500-1700

		VISIBILITY IN STATUTE MILES															
CEILING		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
IN FEET		1	10	6	5	4	3	2	1 1/2	1	1/4	1	3/4	5/8	1/2	5/16	1/4
		1	10	6	5	4	3	2	1 1/2	1	1/4	1	3/4	5/8	1/2	5/16	1/4
NO CEIL	1	37.7	54.9	56.3	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 20000	1	38.0	55.7	57.0	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 18000	1	38.0	55.7	57.0	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 16000	1	38.0	55.7	57.0	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 14000	1	38.0	55.9	57.2	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 12000	1	38.4	56.4	57.8	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 10000	1	38.6	57.0	58.4	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 9000	1	38.8	57.2	58.6	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 8000	1	39.0	57.4	58.8	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 7000	1	39.1	57.6	58.9	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 6000	1	39.1	57.6	58.9	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 5000	1	39.3	57.8	59.1	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 4500	1	39.3	57.8	59.1	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 4000	1	39.3	57.8	59.1	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 3500	1	39.3	57.8	59.1	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 3000	1	39.5	58.0	59.3	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 2500	1	39.6	58.0	59.4	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 2000	1	39.7	58.2	59.6	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 1800	1	39.8	58.2	59.6	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 1500	1	40.6	59.4	60.7	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 1200	1	42.0	61.9	63.2	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 1000	1	42.8	65.4	66.7	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 900	1	43.9	68.5	70.0	70.5	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 800	1	44.5	71.4	73.5	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 700	1	44.9	75.4	78.6	80.2	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 600	1	45.1	79.4	84.0	87.4	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 500	1	45.4	82.0	87.9	92.4	93.8	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 400	1	45.4	82.4	88.6	94.1	96.2	96.9	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 300	1	45.4	82.5	88.9	94.5	96.7	97.4	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 200	1	45.4	82.5	88.9	94.5	96.8	97.5	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 100	1	45.4	82.5	88.9	94.5	96.8	97.5	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 01	01	45.4	82.5	88.9	94.5	96.8	97.5	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS: 1496

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERIOD OF RECORD: 64-74,79-84
MONTH: AUG HOURS(LST): 1600-2000

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

CEILING		VISIBILITY IN STATUTE MILES																			
IN	FEET	1	10	6E	6	5	4	3	2	1 1/2	GE	GE	1 1/4	1	3/4	5/8	1/2	5/16	1/4	GE	GE
NO	CEIL	1	21.1	29.7	30.1	30.6	31.0	31.0	31.1	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.5	31.5	31.5
6E	20000	21.1	29.9	30.3	30.8	31.2	31.3	31.3	31.4	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.8	31.8	31.8
6E	18000	21.1	29.9	30.3	30.8	31.2	31.3	31.3	31.4	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.8	31.8	31.8
6E	16000	21.1	29.9	30.3	30.8	31.2	31.3	31.3	31.4	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.8	31.8	31.8
6E	14000	21.1	30.0	30.4	30.9	31.3	31.4	31.4	31.6	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	32.0	32.0	32.0
6E	12000	21.4	30.4	30.7	31.3	31.7	31.8	31.8	31.9	32.1	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.4
6E	10000	21.9	30.9	31.3	31.8	32.2	32.3	32.3	32.5	32.7	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.0	33.0	33.0
6E	9000	22.0	31.3	31.7	32.2	32.6	32.7	32.7	32.9	33.1	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.3	33.3	33.3
6E	8000	22.5	31.8	32.2	32.8	33.1	33.2	33.2	33.4	33.6	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.9	33.9	33.9
6E	7000	22.5	31.8	32.2	32.8	33.1	33.2	33.2	33.4	33.6	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.9	33.9	33.9
6E	6000	22.5	31.8	32.2	32.8	33.1	33.2	33.2	33.4	33.6	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.9	33.9	33.9
6E	5000	22.5	31.8	32.2	32.8	33.1	33.2	33.2	33.4	33.6	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.9	33.9	33.9
6E	4500	22.5	31.8	32.2	32.8	33.1	33.2	33.2	33.4	33.6	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.9	33.9	33.9
6E	4000	22.5	31.8	32.2	32.8	33.1	33.2	33.2	33.4	33.6	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.9	33.9	33.9
6E	3500	22.5	31.8	32.2	32.8	33.1	33.2	33.2	33.4	33.6	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.9	33.9	33.9
6E	3000	22.5	31.8	32.2	32.8	33.1	33.2	33.2	33.4	33.6	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.9	33.9	33.9
6E	2500	22.5	31.8	32.2	32.8	33.1	33.2	33.2	33.4	33.6	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.9	33.9	33.9
6E	2000	22.5	32.0	32.4	32.9	33.3	33.4	33.4	33.6	33.8	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.1	34.1	34.1	34.1
6E	1800	22.6	32.1	32.5	33.1	33.4	33.5	33.5	33.7	33.9	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.2	34.2	34.2	34.2
6E	1500	22.7	32.4	32.8	33.3	33.7	33.8	33.8	34.0	34.2	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
6E	1200	23.1	33.2	33.6	34.2	34.5	34.6	34.6	34.8	35.0	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.3	35.3	35.3
6E	1000	24.2	36.2	37.1	37.5	37.6	37.6	37.6	37.8	38.0	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.3	38.3	38.3
6E	900	24.6	37.7	38.1	38.6	39.0	39.1	39.1	39.3	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.7	39.7	39.7
6E	800	25.5	39.5	40.5	40.9	40.9	40.9	40.9	41.1	41.3	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.6	41.6	41.6
6E	700	26.6	42.4	43.9	44.3	44.4	44.4	44.4	44.6	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.0	45.0	45.0
6E	600	27.1	45.9	47.5	48.6	49.0	49.1	49.1	49.3	49.5	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8	49.8	49.8
6E	500	27.2	50.6	54.3	56.5	57.7	58.0	58.0	58.4	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9
6E	400	27.3	53.6	58.4	63.6	67.6	68.1	68.1	69.0	69.4	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8
6E	300	27.3	54.1	59.3	65.8	72.6	73.7	73.7	75.4	78.1	78.6	79.2	79.6	79.6	79.6	79.6	80.1	80.3	80.8	81.0	81.0
6E	200	27.3	54.1	59.4	66.1	73.2	74.6	74.6	76.9	80.6	81.3	82.9	84.5	85.0	85.0	85.0	87.0	87.9	91.1	92.1	92.1
6E	100	27.3	54.1	59.5	66.2	73.3	74.7	74.7	77.1	80.9	81.7	83.5	85.5	86.2	86.2	86.2	89.0	90.3	95.1	95.1	95.1
6E	0	27.3	54.1	59.5	66.2	73.3	74.7	74.7	77.1	80.9	81.7	83.5	85.5	86.2	86.2	86.2	89.0	90.3	95.1	95.1	95.1

TOTAL NUMBER OF OBSERVATIONS: 1077

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 63-72,84,84
MONTH: SEP HOURS(UT): 0000-0200

CEILING

VISIBILITY IN STATUTE MILES

IN FEET	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	25.3	41.0	41.7	42.1	42.4	42.5	42.6	42.6	42.9	43.2	43.3	43.9	44.0	45.9
GE 20000	25.3	41.7	42.4	42.8	43.1	43.2	43.3	43.3	43.7	44.0	44.1	44.6	44.7	46.8
GE 18000	25.3	41.7	42.4	42.8	43.1	43.2	43.3	43.3	43.7	44.0	44.1	44.6	44.7	46.8
GE 16000	25.3	41.7	42.4	42.8	43.1	43.2	43.3	43.3	43.7	44.0	44.1	44.6	44.7	46.8
GE 14000	25.4	42.1	42.8	43.3	43.7	43.8	43.9	44.2	44.5	44.6	44.7	45.1	45.2	47.3
GE 12000	25.5	42.2	43.0	43.6	43.9	44.0	44.1	44.4	44.7	44.8	44.9	45.3	45.4	47.5
GE 10000	26.0	43.1	44.0	44.5	44.8	44.9	45.0	45.3	45.6	45.7	46.0	46.3	46.4	48.4
GE 9000	26.2	43.3	44.2	44.7	45.0	45.1	45.2	45.5	45.8	45.9	46.2	46.5	46.6	48.6
GE 8000	26.2	43.5	44.3	44.8	45.1	45.2	45.3	45.6	45.9	46.0	46.3	46.6	46.7	48.8
GE 7000	26.3	43.6	44.4	44.9	45.2	45.3	45.4	45.7	46.0	46.2	46.5	46.8	46.9	48.9
GE 6000	26.3	43.9	44.7	45.2	45.5	45.6	45.7	46.0	46.3	46.5	46.8	47.1	47.2	49.2
GE 5000	26.3	44.2	45.0	45.5	45.8	45.9	46.0	46.4	46.7	46.8	47.1	47.4	47.5	49.5
GE 4500	26.4	44.3	45.1	45.6	45.9	46.0	46.2	46.5	46.8	46.9	47.2	47.5	47.6	49.6
GE 4000	27.3	45.4	46.3	46.9	47.2	47.3	47.4	47.7	48.0	48.1	48.4	48.7	48.8	50.8
GE 3500	27.3	45.4	46.3	46.9	47.2	47.3	47.4	47.7	48.0	48.1	48.4	48.7	48.8	50.8
GE 3000	27.8	45.8	46.7	47.3	47.6	47.7	47.8	48.1	48.4	48.5	48.8	49.1	49.2	51.2
GE 2500	28.1	46.3	47.1	47.7	48.0	48.1	48.2	48.5	48.9	49.0	49.3	49.6	49.7	51.7
GE 2000	28.3	46.9	47.7	48.3	48.6	48.8	48.9	49.2	49.5	49.6	50.0	50.3	50.4	52.3
GE 1800	28.5	47.3	48.1	48.8	49.1	49.2	49.3	49.6	49.9	50.0	50.5	50.6	50.7	52.7
GE 1500	28.9	48.5	49.4	50.0	50.3	50.4	50.5	50.8	51.1	51.2	51.8	51.9	52.0	54.0
GE 1200	29.1	49.9	50.7	51.4	51.7	51.8	51.9	52.2	52.5	52.6	53.1	53.2	53.3	55.3
GE 1000	29.3	51.2	52.1	52.8	53.1	53.2	53.3	53.6	54.0	54.1	54.6	54.7	54.8	56.8
GE 900	29.5	52.3	53.1	53.8	54.2	54.3	54.4	54.7	55.0	55.1	55.6	55.7	55.8	57.8
GE 800	29.6	53.1	54.0	54.7	55.0	55.1	55.2	55.5	55.8	55.9	56.4	56.5	56.6	58.6
GE 700	29.7	53.7	54.6	55.4	55.8	55.9	56.0	56.3	56.7	56.8	57.3	57.4	57.5	59.5
GE 600	29.7	55.9	57.2	58.1	58.5	58.6	58.7	59.0	59.4	59.5	60.0	60.1	60.2	62.2
GE 500	29.7	57.8	59.8	61.1	61.7	61.9	62.0	62.3	62.6	62.8	63.3	63.4	63.5	65.5
GE 400	29.7	58.8	61.7	63.8	64.6	65.1	65.3	65.6	65.9	66.1	66.6	66.7	66.8	68.8
GE 300	29.7	59.7	63.6	66.1	68.1	68.3	69.4	70.4	70.8	71.2	72.0	72.1	72.2	74.9
GE 200	29.7	59.7	63.7	66.5	68.8	69.4	71.1	72.6	73.9	74.6	75.2	75.3	75.4	78.3
GE 100	29.7	59.7	63.7	66.5	68.9	69.6	71.4	72.9	74.5	75.5	76.2	76.3	76.4	79.2
GE 01	29.7	59.7	63.7	66.5	68.9	69.6	71.4	72.9	74.5	75.5	76.2	76.3	76.4	79.2

TOTAL NUMBER OF OBSERVATIONS: 962

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 63-72-02-84
MONTH: SEP HOURS(IST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES																VISIBILITY			
FEET	10	1				2				3				4				5			
		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
NO CEIL	1	21.1	32.4	32.9	33.2	33.8	34.0	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 20000	1	21.1	32.7	33.2	33.5	34.1	34.3	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 18000	1	21.1	32.7	33.2	33.5	34.1	34.3	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 16000	1	21.1	32.7	33.2	33.5	34.1	34.3	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 14000	1	21.1	32.9	33.4	33.7	34.3	34.5	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 12000	1	21.4	33.2	33.7	34.0	35.0	35.2	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 10000	1	21.7	34.1	34.6	35.0	35.9	36.1	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 9000	1	22.0	34.6	35.2	35.5	36.4	36.6	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 8000	1	22.1	35.2	35.8	36.1	37.0	37.2	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 7000	1	22.1	35.2	35.8	36.1	37.0	37.2	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 6000	1	22.2	35.8	36.4	36.7	37.7	37.9	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 5000	1	22.4	36.1	36.7	37.0	38.0	38.2	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 4500	1	22.4	36.1	36.7	37.0	38.0	38.2	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 4000	1	22.9	36.7	37.3	37.7	38.6	38.8	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 3500	1	23.1	37.0	37.7	38.0	38.9	39.1	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 3000	1	23.4	37.7	38.3	38.6	39.5	39.7	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 2500	1	23.7	38.1	38.7	39.0	39.9	40.1	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 2000	1	24.0	38.7	39.3	39.6	40.6	40.8	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 1800	1	24.1	39.3	39.9	40.2	41.2	41.4	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 1500	1	24.6	40.4	41.0	41.3	42.2	42.4	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 1200	1	25.3	42.6	43.3	43.6	44.5	44.7	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 1000	1	25.3	44.5	45.1	45.4	46.4	46.6	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 900	1	25.6	45.6	46.3	46.6	47.5	47.7	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 800	1	25.6	46.4	47.0	47.3	48.2	48.4	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 700	1	25.9	48.1	48.9	49.3	50.2	50.4	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 600	1	26.0	49.6	50.3	50.7	51.7	51.9	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 500	1	26.1	51.3	53.0	53.4	54.4	54.6	54.9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 400	1	26.1	52.4	54.6	55.6	56.7	57.0	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 300	1	26.1	53.0	55.5	57.5	59.5	59.9	61.6	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 200	1	26.1	53.2	55.8	58.2	60.5	61.1	63.5	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 100	1	26.1	53.2	55.8	58.2	60.5	61.1	63.5	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE	0	26.1	53.2	55.8	58.2	60.5	61.1	63.5	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE	0	26.1	53.2	55.8	58.2	60.5	61.1	63.5	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4

TOTAL NUMBER OF OBSERVATIONS: 964

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 63-84
MONTH: SEP HOURS(LST): 0600-0800

CEILING IN FEET		VISIBILITY IN STATUTE MILES																			
		1	2	3	4	5	6	10	15	20	25	30	35	40	45	50	55	60	65	70	75
NO CEIL	1	24.6	31.4	32.0	32.6	33.1	33.6	34.1	34.6	35.1	35.6	36.1	36.6	37.1	37.6	38.1	38.6	39.1	39.6	40.1	40.6
GE 20000	1	25.0	32.0	32.5	33.1	33.6	34.1	34.6	35.1	35.6	36.1	36.6	37.1	37.6	38.1	38.6	39.1	39.6	40.1	40.6	41.1
GE 18000	1	25.2	32.3	33.0	33.6	34.1	34.6	35.1	35.6	36.1	36.6	37.1	37.6	38.1	38.6	39.1	39.6	40.1	40.6	41.1	41.6
GE 16000	1	25.2	32.3	33.0	33.6	34.1	34.6	35.1	35.6	36.1	36.6	37.1	37.6	38.1	38.6	39.1	39.6	40.1	40.6	41.1	41.6
GE 14000	1	25.7	32.7	33.4	34.0	34.5	34.9	35.4	35.9	36.4	36.9	37.4	37.9	38.4	38.9	39.4	39.9	40.4	40.9	41.4	41.9
GE 12000	1	25.7	32.9	33.6	34.2	34.7	34.9	35.4	35.9	36.4	36.9	37.4	37.9	38.4	38.9	39.4	39.9	40.4	40.9	41.4	41.9
GE 10000	1	26.4	33.8	34.5	35.1	35.6	36.1	36.6	37.1	37.6	38.1	38.6	39.1	39.6	40.1	40.6	41.1	41.6	42.1	42.6	43.1
GE 9000	1	26.7	34.1	34.8	35.5	36.2	36.7	37.2	37.7	38.2	38.7	39.2	39.7	40.2	40.7	41.2	41.7	42.2	42.7	43.2	43.7
GE 8000	1	26.8	34.5	35.3	35.9	36.8	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	38.0	38.1	38.2	38.3	38.4	38.5
GE 7000	1	26.8	34.7	35.4	36.0	36.9	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	38.0	38.1	38.2	38.3	38.4	38.5
GE 6000	1	27.2	35.2	35.9	36.6	37.5	37.7	37.8	37.9	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	39.0	39.1
GE 5000	1	27.5	35.5	36.2	36.9	37.8	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	39.0	39.1	39.2	39.3	39.4
GE 4500	1	27.5	35.6	36.3	37.0	37.9	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	39.0	39.1	39.2	39.3	39.4
GE 4000	1	27.9	35.9	36.7	37.4	38.3	38.4	38.5	38.6	38.7	38.8	38.9	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8
GE 3500	1	28.5	36.6	37.4	38.2	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	40.0	40.1	40.2	40.3	40.4	40.5	40.6
GE 3000	1	28.9	37.3	38.1	38.9	39.9	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	41.0	41.1	41.2	41.3	41.4
GE 2500	1	29.7	38.2	39.1	39.9	40.8	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	42.0	42.1	42.2	42.3	42.4
GE 2000	1	30.5	39.4	40.2	41.0	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	43.0	43.1	43.2	43.3	43.4	43.5
GE 1800	1	30.9	40.4	41.2	42.1	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	44.0	44.1	44.2	44.3	44.4	44.5
GE 1500	1	31.3	41.3	42.1	43.0	43.9	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	45.0	45.1	45.2	45.3	45.4	45.5
GE 1200	1	31.8	43.2	44.0	45.0	46.0	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	47.0	47.1	47.2	47.3	47.4	47.5	47.6
GE 1000	1	32.0	44.6	45.6	46.9	48.1	48.3	48.5	48.7	48.9	49.1	49.3	49.5	49.7	49.9	50.1	50.3	50.5	50.7	50.9	51.1
GE 900	1	32.2	45.4	46.3	47.9	49.1	49.4	49.6	49.8	50.0	50.2	50.4	50.6	50.8	51.0	51.2	51.4	51.6	51.8	52.0	52.2
GE 800	1	32.3	46.0	47.1	48.7	50.0	50.4	50.6	50.9	51.1	51.3	51.5	51.7	51.9	52.1	52.3	52.5	52.7	52.9	53.1	53.3
GE 700	1	32.5	46.6	48.1	50.1	51.5	51.9	52.2	52.4	52.6	52.8	53.0	53.2	53.4	53.6	53.8	54.0	54.2	54.4	54.6	54.8
GE 600	1	32.5	47.3	49.1	51.7	53.2	53.7	54.0	54.2	54.4	54.6	54.8	55.0	55.2	55.4	55.6	55.8	56.0	56.2	56.4	56.6
GE 500	1	32.5	47.6	49.6	53.7	56.1	56.8	57.5	58.1	58.5	58.9	59.3	59.7	60.1	60.5	60.9	61.3	61.7	62.1	62.5	62.9
GE 400	1	32.6	47.9	50.4	55.2	58.8	59.8	61.2	62.7	63.2	63.6	64.0	64.4	64.8	65.2	65.6	66.0	66.4	66.8	67.2	67.6
GE 300	1	32.6	48.1	50.7	55.8	60.1	61.4	63.4	66.0	66.3	66.6	66.9	67.2	67.5	67.8	68.1	68.4	68.7	69.0	69.3	69.6
GE 200	1	32.6	48.2	50.7	56.0	60.8	62.2	64.6	67.6	68.4	68.9	69.3	69.6	69.9	70.2	70.5	70.8	71.1	71.4	71.7	72.0
GE 100	1	32.6	48.2	50.7	56.0	60.8	62.2	64.6	67.6	68.6	69.0	69.3	69.6	69.9	70.2	70.5	70.8	71.1	71.4	71.7	72.0
GE 01	1	32.6	48.2	50.7	56.0	60.8	62.2	64.6	67.6	68.6	69.0	69.3	69.6	69.9	70.2	70.5	70.8	71.1	71.4	71.7	72.0

TOTAL NUMBER OF OBSERVATIONS: 1543

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 63-84
MONTH: SEP HOURS(1ST): 0900-1100

CEILING

VISIBILITY IN STATUTE MILES

IN	1	GE	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
FEET	1	GE	10	6	5	4	3	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	1	36.5	50.0	51.1	51.5	52.0	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 20000	1	36.7	50.6	51.7	52.1	52.6	52.8	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 14000	1	36.9	50.8	51.9	52.3	52.8	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 16000	1	37.1	50.9	52.1	52.5	53.0	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 14000	1	37.7	51.7	52.9	53.3	53.8	54.0	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3
GE 12000	1	37.8	52.1	53.3	53.6	54.3	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 10000	1	38.6	53.2	54.4	54.9	55.4	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 9000	1	38.9	53.4	54.6	55.1	55.6	55.8	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 8000	1	39.1	53.9	55.1	55.7	56.2	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 7000	1	39.4	54.1	55.3	55.9	56.4	56.6	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 6000	1	40.1	54.8	56.1	56.6	57.2	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 5000	1	40.2	55.0	56.2	56.8	57.3	57.6	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 4500	1	40.7	55.5	56.7	57.3	57.8	58.0	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 4000	1	41.2	56.2	57.4	58.0	58.5	58.8	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 3500	1	41.5	56.6	57.9	58.4	58.9	59.2	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 3000	1	42.0	57.2	58.4	59.0	59.5	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 2500	1	43.1	58.5	59.8	60.4	60.9	61.1	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 2000	1	44.5	60.6	61.8	62.5	63.0	63.3	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 1800	1	44.7	61.1	62.4	63.0	63.6	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 1500	1	45.2	62.5	63.8	64.5	65.1	65.4	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 1200	1	45.7	64.0	65.7	66.7	67.3	67.6	67.7	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 1000	1	46.0	65.5	67.8	69.2	69.7	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 900	1	46.1	66.8	69.5	71.1	71.8	72.1	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 800	1	46.3	68.0	70.9	73.0	73.8	74.1	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 700	1	46.4	69.5	73.0	75.8	76.7	77.0	77.1	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4
GE 600	1	46.5	70.7	75.2	78.9	80.3	80.7	80.8	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
GE 500	1	46.5	71.7	76.6	82.0	84.6	85.5	86.0	86.4	86.5	86.6	86.7	86.7	86.7	86.7	86.7
GE 400	1	46.5	72.0	77.1	83.7	87.4	88.9	89.7	90.9	91.1	91.2	91.5	91.5	91.6	91.6	91.6
GE 300	1	46.5	72.0	77.2	83.9	88.1	90.0	91.3	93.4	93.8	94.1	94.8	94.9	95.0	95.1	95.2
GE 200	1	46.5	72.0	77.2	83.9	88.2	90.2	91.5	94.0	94.6	95.2	96.1	96.5	96.9	97.3	98.3
GE 100	1	46.5	72.0	77.2	83.9	88.2	90.2	91.6	94.2	94.8	95.3	96.4	96.7	97.3	97.7	99.9
GE 0	1	46.5	72.0	77.2	83.9	88.2	90.2	91.6	94.2	94.8	95.3	96.4	96.7	97.3	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 1732

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 63-84
MONTH: SEP HOURS(IST): 1500-1700

VISIBILITY IN STATUTE MILES									
CEILING IN FEET	1	2	3	4	5	6	10	1/2	1/4
GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
10	10	10	10	10	10	10	10	10	10

NO	CEIL	1	2	3	4	5	6	10	1/2	1/4	1/2	5/8	3/4	5/16	1/4	0
GE	20000	46.1	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE	18000	46.1	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE	16000	46.1	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE	14000	46.1	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE	12000	47.0	60.1	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE	10000	47.5	60.8	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE	9000	47.6	60.9	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE	8000	47.9	61.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE	7000	48.0	61.5	62.5	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE	6000	48.3	62.0	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE	5000	48.6	62.2	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE	4500	49.0	62.7	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE	4000	49.5	63.2	64.2	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE	3500	49.9	63.6	64.6	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE	3000	50.7	64.5	65.5	65.8	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE	2500	51.3	65.2	66.2	66.6	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE	2000	51.7	65.8	66.8	67.1	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE	1800	51.9	66.0	67.1	67.4	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE	1500	52.9	67.1	68.2	68.5	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE	1200	53.2	68.2	69.3	69.7	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE	1000	53.8	71.1	72.4	72.9	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE	900	54.5	73.3	74.9	75.5	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE	800	54.9	75.9	78.2	79.0	79.3	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE	700	55.4	79.2	82.3	83.4	83.9	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE	600	55.5	80.5	84.3	86.3	87.1	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE	500	55.8	82.0	86.7	89.6	90.8	91.5	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE	400	55.8	82.7	87.6	91.5	93.4	94.3	95.0	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE	300	55.8	82.7	87.9	91.8	93.9	94.9	96.1	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE	200	55.8	82.7	87.9	91.9	94.0	95.0	96.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE	100	55.8	82.7	87.9	91.9	94.0	95.0	96.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE	01	55.8	82.7	87.9	91.9	94.0	95.0	96.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS: 1546

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 63-74.81-84
MONTH: SEP HOURS(LST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES																PERIOD OF RECORD: 63-74.81-84			
IN FEET	1 10	GE	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	MONTH: SEP HOURS(LST): 1800-2000			
NO CEIL	1	35.0	47.9	48.5	48.7	49.1	49.1	49.2	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.7				
GE 20000	1	35.6	48.7	49.3	49.5	49.9	49.9	50.0	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.5				
GE 18000	1	35.7	48.8	49.4	49.6	50.0	50.0	50.1	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.6				
GE 16000	1	35.7	48.8	49.4	49.6	50.0	50.0	50.1	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.6				
GE 14000	1	35.9	49.1	49.7	49.9	50.3	50.3	50.4	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.9				
GE 12000	1	36.6	50.0	50.6	50.8	51.2	51.2	51.3	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.8				
GE 10000	1	36.7	50.2	50.8	50.9	51.4	51.4	51.5	51.6	51.6	51.8	51.8	51.8	51.8	51.8	51.8	52.0				
GE 9000	1	36.7	50.2	50.8	50.9	51.4	51.4	51.5	51.6	51.6	51.8	51.8	51.8	51.8	51.8	51.8	52.0				
GE 8000	1	36.7	50.3	50.9	51.0	51.5	51.5	51.6	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	52.1				
GE 7000	1	36.7	50.6	51.2	51.4	51.8	51.8	51.9	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.4				
GE 6000	1	37.0	50.9	51.5	51.6	52.1	52.1	52.2	52.3	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.7				
GE 5000	1	37.3	51.2	51.8	52.0	52.4	52.4	52.5	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	53.0				
GE 4500	1	37.5	51.5	52.2	52.4	52.8	52.8	52.9	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.4				
GE 4000	1	38.1	52.1	52.8	53.0	53.4	53.4	53.5	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	54.0				
GE 3500	1	38.1	52.1	52.8	53.0	53.4	53.4	53.5	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	54.0				
GE 3000	1	38.7	52.7	53.4	53.6	54.0	54.0	54.1	54.3	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.6				
GE 2500	1	39.3	53.4	54.1	54.3	54.7	54.7	54.8	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.3				
GE 2000	1	39.5	53.8	54.6	54.7	55.2	55.2	55.3	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.8				
GE 1800	1	39.7	54.1	54.9	55.2	55.6	55.6	55.7	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.2				
GE 1500	1	39.9	54.5	55.2	55.5	55.9	55.9	56.0	56.2	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.5				
GE 1200	1	40.4	56.0	56.8	57.1	57.6	57.6	57.7	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.2				
GE 1000	1	40.6	56.8	57.8	58.2	58.6	58.6	58.7	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.2				
GE 900	1	41.1	57.9	59.0	59.4	59.9	59.9	60.0	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.5				
GE 800	1	41.6	60.2	61.4	61.9	62.4	62.4	62.5	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	63.0				
GE 700	1	42.0	63.6	65.3	65.9	66.4	66.4	66.5	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	67.0				
GE 600	1	42.3	66.4	68.5	69.7	70.3	70.3	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.9				
GE 500	1	42.6	68.8	72.1	73.8	74.4	74.4	74.7	74.9	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.3				
GE 400	1	42.6	69.8	74.1	76.8	78.2	78.2	78.7	79.3	79.3	79.6	79.7	79.7	79.7	79.7	79.7	80.6				
GE 300	1	42.6	70.2	74.9	78.7	81.4	81.8	82.4	83.9	84.1	84.6	85.1	85.4	85.5	85.9	86.3	86.8				
GE 200	1	42.6	70.3	75.0	79.2	82.4	83.0	83.9	85.7	86.1	87.0	88.2	88.8	89.4	90.3	92.3	94.1				
GE 100	1	42.6	70.3	75.0	79.3	82.8	83.4	84.3	86.5	87.2	88.6	89.9	90.7	91.6	92.5	95.7	99.5				
GE 01	1	42.6	70.3	75.0	79.3	82.8	83.4	84.3	86.5	87.2	88.6	89.9	90.7	91.6	92.5	95.7	100.0				

TOTAL NUMBER OF OBSERVATIONS: 1162

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 63-74, 79-80, 82-84
MONTH: SEP HOURS (LST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES													
IN FEET	10	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	1/4	
.....															
NO CEIL	1 28.5	45.4	46.3	47.1	47.4	47.7	47.9	48.1	48.1	48.4	48.4	48.4	48.9	49.1	50.3
GE 20000	28.9	46.4	47.3	48.1	48.4	48.7	48.9	49.1	49.1	49.4	49.4	49.4	49.9	50.1	51.3
GE 18000	29.1	46.6	47.5	48.3	48.6	48.9	49.1	49.3	49.3	49.6	49.6	49.6	50.1	50.3	51.5
GE 16000	29.1	46.6	47.5	48.3	48.6	48.9	49.1	49.3	49.3	49.6	49.6	49.6	50.1	50.3	51.5
GE 14000	29.1	46.7	47.6	48.3	48.6	48.9	49.2	49.4	49.4	49.7	49.7	49.7	50.2	50.4	51.6
GE 12000	29.5	47.2	48.2	48.9	49.3	49.5	49.7	49.9	49.9	50.3	50.3	50.3	50.7	50.9	52.1
GE 10000	29.7	47.5	48.4	49.2	49.5	49.8	50.0	50.2	50.2	50.6	50.6	50.6	51.0	51.2	52.4
GE 9000	29.7	47.6	48.5	49.3	49.6	49.9	50.1	50.3	50.3	50.6	50.6	50.6	51.1	51.3	52.5
GE 8000	29.7	47.6	48.5	49.3	49.6	49.9	50.1	50.3	50.3	50.6	50.6	50.6	51.1	51.3	52.5
GE 7000	30.0	48.1	49.0	49.7	50.1	50.4	50.6	50.7	50.7	51.1	51.1	51.1	51.6	51.7	52.9
GE 6000	30.0	48.3	49.4	50.1	50.5	50.7	50.9	51.1	51.1	51.5	51.5	51.5	51.9	52.1	53.3
GE 5000	30.3	48.8	49.8	50.6	50.9	51.2	51.4	51.6	51.6	51.9	51.9	51.9	52.4	52.6	53.8
GE 4500	30.3	48.9	49.9	50.6	51.0	51.3	51.5	51.7	51.7	52.0	52.0	52.0	52.5	52.7	53.9
GE 4000	30.8	49.4	50.5	51.3	51.7	51.9	52.1	52.3	52.3	52.7	52.7	52.7	53.1	53.3	54.5
GE 3500	30.8	49.4	50.5	51.4	51.7	52.0	52.2	52.4	52.4	52.8	52.8	52.8	53.2	53.4	54.6
GE 3000	31.4	50.0	51.0	51.9	52.3	52.6	52.8	52.9	52.9	53.3	53.3	53.3	53.8	54.0	55.2
GE 2500	31.8	50.9	51.9	52.9	53.2	53.5	53.7	53.9	53.9	54.2	54.2	54.2	54.7	54.9	56.1
GE 2000	31.9	51.1	52.1	53.0	53.4	53.7	53.9	54.1	54.1	54.4	54.4	54.4	54.9	55.1	56.3
GE 1800	32.0	51.2	52.2	53.1	53.5	53.8	54.0	54.1	54.1	54.5	54.5	54.5	55.0	55.2	56.4
GE 1500	32.4	51.9	52.9	53.9	54.2	54.5	54.7	54.9	54.9	55.2	55.2	55.2	55.7	55.9	57.1
GE 1200	32.7	53.1	54.1	55.1	55.4	55.7	55.9	56.1	56.1	56.4	56.4	56.4	56.9	57.1	58.3
GE 1000	32.9	54.0	55.0	55.9	56.3	56.5	56.7	56.9	56.9	57.3	57.3	57.3	57.7	57.9	59.1
GE 900	33.2	55.5	56.5	57.5	57.8	58.1	58.3	58.5	58.5	58.8	58.8	58.8	59.3	59.5	60.7
GE 800	33.3	56.9	58.2	59.1	59.5	59.8	59.9	60.1	60.1	60.5	60.5	60.5	61.0	61.1	62.3
GE 700	33.6	59.1	60.7	61.6	62.0	62.2	62.4	62.6	62.6	63.0	63.0	63.0	63.4	63.6	64.8
GE 600	33.6	61.9	63.6	65.1	65.5	65.9	66.1	66.3	66.3	66.7	66.7	66.7	67.1	67.3	68.5
GE 500	33.7	64.0	66.4	68.3	69.0	69.4	69.6	69.8	69.8	70.2	70.2	70.2	70.7	71.1	72.1
GE 400	33.7	65.7	68.0	70.1	71.3	71.8	73.9	74.3	74.3	74.7	74.7	74.8	75.2	75.5	76.9
GE 300	33.7	66.4	70.7	75.0	77.1	77.6	78.0	78.5	78.9	79.5	79.5	79.7	80.3	80.6	81.9
GE 200	33.7	66.4	70.8	75.5	78.3	79.1	79.9	80.7	81.2	82.2	82.8	83.1	84.3	85.1	87.5
GE 100	33.7	66.4	70.8	75.5	78.3	79.1	80.0	80.9	81.7	83.1	83.8	84.3	85.8	87.1	90.8
GE 0	33.7	66.4	70.8	75.5	78.3	79.1	80.0	80.9	81.7	83.1	83.8	84.3	85.8	87.2	91.1

TOTAL NUMBER OF OBSERVATIONS: 1086

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 63-84
MONTH: SEP HOURS(UT): ALL

CEILING		VISIBILITY IN STATUTE MILES																ALL	
IN	FEET	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE	GE	
NO CEIL	1 34.5	47.6	48.5	48.9	49.3	49.4	49.5	49.6	49.6	49.6	49.8	49.8	49.9	50.0	50.1	50.4	50.9		
GE 20000	34.9	48.4	49.4	49.8	50.2	50.3	50.4	50.5	50.5	50.6	50.6	50.7	50.7	50.9	51.0	51.3	51.8		
GE 18000	35.0	48.5	49.5	49.9	50.3	50.4	50.5	50.6	50.6	50.7	50.8	50.9	50.9	51.0	51.1	51.4	51.9		
GE 16000	35.0	48.6	49.6	50.0	50.4	50.5	50.6	50.7	50.7	50.8	50.9	50.9	51.0	51.1	51.2	51.5	52.0		
GE 14000	35.3	49.0	50.1	50.5	50.9	51.0	51.1	51.2	51.2	51.4	51.4	51.4	51.4	51.6	51.7	52.0	52.5		
GE 12000	35.7	49.5	50.6	51.0	51.4	51.6	51.7	51.8	51.8	51.9	51.9	52.0	52.0	52.2	52.3	52.6	53.1		
GE 10000	36.2	50.3	51.4	51.8	52.3	52.4	52.5	52.6	52.6	52.8	52.8	52.9	52.9	53.1	53.1	53.5	54.0		
GE 9000	36.4	50.6	51.6	52.1	52.5	52.7	52.8	52.9	52.9	53.0	53.1	53.1	53.1	53.3	53.4	53.7	54.2		
GE 8000	36.5	50.9	52.0	52.4	52.9	53.1	53.2	53.3	53.3	53.4	53.4	53.5	53.5	53.7	53.8	54.1	54.6		
GE 7000	36.6	51.1	52.1	52.6	53.1	53.2	53.3	53.4	53.4	53.6	53.6	53.6	53.7	53.9	53.9	54.3	54.8		
GE 6000	36.9	51.5	52.6	53.1	53.6	53.7	53.8	53.9	53.9	54.1	54.1	54.1	54.2	54.4	54.4	54.8	55.3		
GE 5000	37.1	51.8	52.9	53.3	53.8	54.0	54.1	54.2	54.2	54.3	54.3	54.4	54.4	54.6	54.7	55.0	55.5		
GE 4500	37.4	52.1	53.2	53.6	54.1	54.3	54.4	54.5	54.5	54.6	54.6	54.7	54.7	54.9	55.0	55.3	55.8		
GE 4000	37.9	52.7	53.8	54.3	54.8	54.9	55.0	55.1	55.1	55.3	55.3	55.3	55.4	55.6	55.6	56.0	56.5		
GE 3500	38.2	53.1	54.2	54.7	55.2	55.3	55.4	55.5	55.5	55.7	55.7	55.7	55.8	56.0	56.0	56.4	56.9		
GE 3000	38.8	53.7	54.6	55.3	55.9	56.0	56.1	56.2	56.2	56.3	56.4	56.4	56.4	56.6	56.7	57.0	57.5		
GE 2500	39.4	54.6	55.7	56.2	56.7	56.9	57.0	57.1	57.1	57.2	57.2	57.3	57.3	57.5	57.6	57.9	58.4		
GE 2000	40.0	55.5	56.6	57.1	57.7	57.8	57.9	58.0	58.0	58.2	58.2	58.2	58.3	58.4	58.5	58.8	59.3		
GE 1800	40.2	55.9	57.1	57.6	58.2	58.3	58.4	58.5	58.5	58.7	58.7	58.7	58.8	58.9	59.0	59.3	59.8		
GE 1500	40.7	56.9	58.1	58.6	59.2	59.3	59.4	59.6	59.6	59.7	59.7	59.8	59.8	60.0	60.1	60.4	60.9		
GE 1200	41.3	58.6	59.8	60.4	61.0	61.2	61.3	61.4	61.4	61.5	61.5	61.6	61.6	61.8	61.9	62.2	62.7		
GE 1000	41.6	60.1	61.6	62.4	63.0	63.1	63.2	63.4	63.4	63.5	63.5	63.6	63.6	63.8	63.9	64.2	64.7		
GE 900	41.9	61.6	63.2	64.1	64.7	64.9	65.0	65.1	65.1	65.3	65.3	65.4	65.4	65.6	65.6	66.0	66.5		
GE 800	42.1	63.1	65.0	66.0	66.7	66.9	67.0	67.1	67.1	67.3	67.3	67.4	67.4	67.6	67.6	68.0	68.5		
GE 700	42.4	65.0	67.4	68.7	69.5	69.7	69.8	70.0	70.0	70.1	70.1	70.2	70.2	70.4	70.5	70.8	71.3		
GE 600	42.5	66.6	69.5	71.4	72.4	72.6	72.8	73.0	73.0	73.2	73.2	73.3	73.3	73.5	73.5	73.9	74.4		
GE 500	42.6	67.9	71.5	74.3	75.8	76.2	76.6	77.0	77.0	77.2	77.2	77.3	77.4	77.5	77.6	78.0	78.5		
GE 400	42.6	68.6	72.6	76.3	78.5	79.1	79.8	80.5	80.5	80.9	80.9	81.1	81.1	81.4	81.5	81.9	82.5		
GE 300	42.6	68.9	73.2	77.4	80.2	81.0	82.1	83.4	83.4	84.2	84.2	84.7	84.9	85.3	85.5	86.1	86.9		
GE 200	42.6	68.9	73.3	77.7	80.7	81.7	83.1	84.7	85.1	86.1	86.1	87.0	87.5	88.4	89.0	90.7	92.7		
GE 100	42.6	68.9	73.3	77.7	80.8	81.8	83.2	84.9	85.4	86.5	86.5	87.6	88.1	89.3	90.2	93.3	99.3		
GE 01	42.6	68.9	73.3	77.7	80.8	81.8	83.2	84.9	85.4	86.5	86.5	87.6	88.1	89.3	90.2	93.4	100.0		

TOTAL NUMBER OF OBSERVATIONS: 10730

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 63-72,77,79-80,82
MONTH: OCT HOURS(ULSI): 0000-0200

CEILING

VISIBILITY IN STATUTE MILES

IN FEET	1	GE	10	GE	6	GE	5	GE	4	GE	3	2 1/2	GE	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	GE	0
NO CEIL	1	41.4	55.5	55.9	56.7	57.8	57.8	58.1	58.6	58.7	59.0	59.2	59.3	59.7	59.8	60.2	60.7	60.8	61.6	62.4	64.0	64.0	0
GE 20000	1	41.8	55.9	56.3	57.2	58.3	58.3	58.7	59.1	59.2	59.5	59.7	59.8	60.2	60.3	60.4	61.3	62.9	62.9	62.9	62.9	62.9	0
GE 18000	1	41.8	56.0	56.5	57.3	58.4	58.4	58.8	59.2	59.3	59.6	59.8	59.9	60.3	60.4	61.3	62.9	62.9	62.9	62.9	62.9	62.9	0
GE 16000	1	41.8	56.0	56.5	57.3	58.4	58.4	58.8	59.2	59.3	59.6	59.8	59.9	60.3	60.4	61.3	62.9	62.9	62.9	62.9	62.9	62.9	0
GE 14000	1	42.1	56.3	56.8	57.6	58.8	58.8	59.1	59.5	59.6	59.9	60.1	60.2	60.7	60.8	61.6	63.2	63.2	63.2	63.2	63.2	63.2	0
GE 12000	1	42.1	56.3	56.8	57.6	58.8	58.8	59.1	59.5	59.6	59.9	60.1	60.2	60.7	60.8	61.6	63.2	63.2	63.2	63.2	63.2	63.2	0
GE 10000	1	42.1	56.3	56.8	57.6	58.8	58.8	59.1	59.5	59.6	59.9	60.1	60.2	60.7	60.8	61.6	63.2	63.2	63.2	63.2	63.2	63.2	0
GE 9000	1	42.1	56.3	56.8	57.6	58.8	58.8	59.1	59.5	59.6	59.9	60.1	60.2	60.7	60.8	61.6	63.2	63.2	63.2	63.2	63.2	63.2	0
GE 8000	1	42.1	57.0	57.4	58.2	59.4	59.4	59.7	60.1	60.2	60.5	60.8	60.9	61.3	61.4	62.2	63.8	63.8	63.8	63.8	63.8	63.8	0
GE 7000	1	42.1	57.2	57.6	58.4	59.6	59.6	59.9	60.3	60.4	60.8	61.0	61.1	61.5	61.6	62.4	64.0	64.0	64.0	64.0	64.0	64.0	0
GE 6000	1	42.1	57.2	57.6	58.4	59.6	59.6	59.9	60.3	60.4	60.8	61.0	61.1	61.5	61.6	62.4	64.0	64.0	64.0	64.0	64.0	64.0	0
GE 5000	1	42.3	57.5	57.9	58.8	59.9	59.9	60.2	60.7	60.8	61.1	61.3	61.4	61.8	61.9	62.7	64.3	64.3	64.3	64.3	64.3	64.3	0
GE 4500	1	42.6	58.1	58.6	59.4	60.5	60.5	60.9	61.3	61.4	61.7	61.9	62.0	62.4	62.5	62.9	63.3	63.3	63.3	63.3	63.3	63.3	0
GE 4000	1	43.2	59.0	59.4	60.2	61.4	61.4	61.7	62.1	62.2	62.5	62.7	62.9	63.3	63.4	64.2	65.8	65.8	65.8	65.8	65.8	65.8	0
GE 3500	1	43.7	59.4	59.8	60.7	61.8	61.8	62.1	62.5	62.6	63.0	63.2	63.3	63.7	63.8	64.6	66.2	66.2	66.2	66.2	66.2	66.2	0
GE 3000	1	44.0	60.0	60.4	61.3	62.4	62.4	62.7	63.2	63.3	63.6	63.8	63.9	64.3	64.4	65.3	66.8	66.8	66.8	66.8	66.8	66.8	0
GE 2500	1	44.6	61.0	61.4	62.2	63.4	63.4	63.7	64.1	64.2	64.5	64.7	64.8	65.3	65.4	66.2	67.8	67.8	67.8	67.8	67.8	67.8	0
GE 2000	1	44.8	62.3	62.7	63.6	64.7	64.7	65.1	65.5	65.6	65.9	66.1	66.2	66.6	66.7	67.6	69.2	69.2	69.2	69.2	69.2	69.2	0
GE 1800	1	45.1	63.3	63.7	64.5	65.7	65.7	66.0	66.4	66.5	66.8	67.1	67.2	67.6	67.7	68.5	70.1	70.1	70.1	70.1	70.1	70.1	0
GE 1500	1	45.8	64.8	65.3	66.1	67.4	67.4	67.7	68.1	68.2	68.5	68.7	68.8	69.3	69.4	70.2	71.8	71.8	71.8	71.8	71.8	71.8	0
GE 1200	1	46.2	67.1	67.5	68.3	69.6	69.6	69.9	70.3	70.4	70.7	70.9	71.0	71.5	71.6	72.4	74.0	74.0	74.0	74.0	74.0	74.0	0
GE 1000	1	46.6	68.6	69.0	69.9	71.1	71.1	71.5	71.9	72.0	72.3	72.5	72.6	73.0	73.1	74.0	75.6	75.6	75.6	75.6	75.6	75.6	0
GE 900	1	46.9	69.2	69.7	70.5	71.8	71.8	72.0	72.3	72.7	73.1	73.3	73.5	73.9	74.0	74.8	76.4	76.4	76.4	76.4	76.4	76.4	0
GE 800	1	46.9	70.2	70.8	71.8	73.0	73.0	73.2	73.6	74.0	74.4	74.6	74.7	75.1	75.2	76.1	77.6	77.6	77.6	77.6	77.6	77.6	0
GE 700	1	47.0	71.7	72.7	73.9	75.1	75.1	75.4	75.8	76.3	76.7	76.9	77.0	77.4	77.5	78.4	80.0	80.0	80.0	80.0	80.0	80.0	0
GE 600	1	47.0	72.0	73.1	74.6	76.1	76.1	76.5	76.9	77.5	77.6	78.0	78.3	78.7	78.8	79.6	81.2	81.2	81.2	81.2	81.2	81.2	0
GE 500	1	47.0	72.2	73.7	75.9	77.2	77.2	77.8	78.3	78.9	79.3	79.6	79.7	80.2	80.3	81.1	82.7	82.7	82.7	82.7	82.7	82.7	0
GE 400	1	47.0	72.4	74.0	77.0	78.6	78.6	79.1	79.6	80.3	80.7	81.0	81.1	81.5	81.6	82.5	84.1	84.1	84.1	84.1	84.1	84.1	0
GE 300	1	47.0	72.7	74.3	77.5	79.5	79.5	80.3	80.8	81.8	82.4	82.8	82.9	83.3	83.4	84.3	85.9	85.9	85.9	85.9	85.9	85.9	0
GE 200	1	47.0	72.7	74.3	77.5	79.6	79.6	80.4	81.0	82.4	83.3	83.9	84.3	84.8	85.2	86.0	87.6	87.6	87.6	87.6	87.6	87.6	0
GE 100	1	47.0	72.7	74.3	77.5	79.6	79.6	80.4	81.3	82.7	83.6	84.4	84.8	85.7	86.0	87.0	88.6	88.6	88.6	88.6	88.6	88.6	0
GE 01	1	47.0	72.7	74.3	77.5	79.6	79.6	80.4	81.3	82.7	83.6	84.4	84.8	85.7	86.0	87.0	88.6	88.6	88.6	88.6	88.6	88.6	0

TOTAL NUMBER OF OBSERVATIONS: 953

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 63-72, 77-78, 80, 83-84
MONTH: OCT HOURS(151): 0300-0500

CEILING IN FEET VISIBILITY IN STATUTE MILES

	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	1 38.3	50.8	52.2	52.4	53.3	53.3	53.5	53.6	53.8	53.9	54.0	54.1	54.1	54.7	56.0	57.6
GE 20000	1 38.6	51.2	52.5	52.7	53.7	53.7	53.8	53.9	54.1	54.2	54.3	54.4	54.4	55.0	56.3	57.9
GE 18000	1 38.6	51.3	52.6	52.8	53.8	53.8	53.9	54.0	54.2	54.3	54.4	54.5	54.5	55.1	56.4	58.1
GE 16000	1 38.7	51.6	52.9	53.1	54.1	54.1	54.2	54.3	54.5	54.6	54.7	54.8	54.8	55.4	56.7	58.4
GE 14000	1 38.9	51.8	53.1	53.3	54.3	54.3	54.4	54.5	54.7	54.8	54.9	55.0	55.0	55.6	56.9	58.6
GE 12000	1 39.0	51.9	53.2	53.5	54.4	54.4	54.5	54.6	54.8	54.9	55.0	55.1	55.1	55.8	57.0	58.7
GE 10000	1 39.2	52.1	53.5	53.7	54.6	54.6	54.7	54.8	55.0	55.1	55.2	55.3	55.3	56.0	57.2	58.9
GE 9000	1 39.3	52.2	53.6	53.8	54.7	54.7	54.8	54.9	55.1	55.2	55.3	55.4	55.4	56.1	57.3	59.0
GE 8000	1 39.6	52.6	54.0	54.2	55.1	55.1	55.2	55.3	55.5	55.6	55.7	55.8	55.8	56.5	57.7	59.4
GE 7000	1 39.6	52.6	54.0	54.2	55.1	55.1	55.2	55.3	55.5	55.6	55.7	55.8	55.8	56.5	57.7	59.4
GE 6000	1 40.0	53.2	54.6	54.8	55.8	55.8	55.9	56.0	56.2	56.3	56.4	56.5	56.5	57.1	58.4	60.0
GE 5000	1 40.1	53.5	54.8	55.0	56.0	56.0	56.1	56.2	56.4	56.5	56.6	56.7	56.7	57.3	58.6	60.3
GE 4500	1 40.4	54.0	55.3	55.5	56.5	56.5	56.6	56.7	56.9	57.0	57.1	57.2	57.2	57.8	59.1	60.8
GE 4000	1 41.1	55.0	56.4	56.6	57.5	57.5	57.6	57.7	57.9	58.2	58.3	58.4	58.5	59.1	60.4	62.0
GE 3500	1 41.3	55.2	56.6	56.8	57.7	57.7	57.8	57.9	58.2	58.3	58.4	58.5	58.5	59.1	60.4	62.0
GE 3000	1 41.8	56.2	57.5	57.8	58.8	58.8	58.9	59.0	59.2	59.3	59.4	59.5	59.5	60.1	61.4	63.1
GE 2500	1 42.4	57.2	58.6	58.9	59.8	59.8	59.9	60.0	60.3	60.4	60.5	60.6	60.6	61.2	62.4	64.1
GE 2000	1 42.8	58.7	60.0	60.4	61.3	61.3	61.5	61.6	61.8	61.9	62.0	62.1	62.1	62.8	64.0	65.7
GE 1800	1 43.5	61.3	62.7	63.0	63.9	63.9	64.1	64.2	64.4	64.5	64.6	64.7	64.7	65.4	66.6	68.3
GE 1500	1 43.9	63.0	64.3	64.7	65.7	65.7	65.9	66.0	66.2	66.3	66.4	66.5	66.5	67.2	68.4	70.1
GE 1000	1 44.4	64.5	65.9	66.3	67.3	67.3	67.5	67.6	67.8	67.9	68.0	68.1	68.1	68.7	70.0	71.7
GE 900	1 44.5	65.6	67.2	67.7	68.9	68.9	69.1	69.2	69.5	69.6	69.7	69.8	69.8	70.4	71.7	73.3
GE 800	1 44.7	66.6	68.3	69.2	70.5	70.6	70.8	70.9	71.1	71.2	71.3	71.4	71.4	72.1	73.3	75.0
GE 700	1 44.9	67.8	69.6	70.5	72.0	72.1	72.3	72.5	72.7	72.8	72.9	73.0	73.0	73.6	74.9	76.6
GE 600	1 44.9	68.6	70.9	72.2	74.0	74.1	74.3	74.6	74.8	74.9	75.0	75.1	75.1	75.7	77.0	78.7
GE 500	1 44.9	69.5	72.1	74.0	76.2	76.3	76.6	76.9	77.1	77.2	77.3	77.4	77.4	78.0	79.3	81.0
GE 400	1 44.9	69.6	72.2	75.0	77.4	77.6	77.9	78.2	78.5	78.6	78.7	78.9	78.9	79.5	80.9	82.5
GE 300	1 44.9	69.7	72.4	75.4	77.9	78.5	79.2	79.6	79.8	80.1	80.2	80.5	80.5	81.4	83.4	85.6
GE 200	1 44.9	69.7	72.4	75.4	77.9	78.5	79.4	79.9	80.1	80.5	80.9	81.2	81.3	82.1	85.6	89.3
GE 100	1 44.9	69.7	72.4	75.4	77.9	78.5	79.5	80.0	80.2	80.8	81.3	81.8	81.9	82.7	88.0	97.6
GE 01	44.9	69.7	72.4	75.4	77.9	78.5	79.5	80.0	80.2	80.8	81.3	81.8	81.9	82.7	88.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 956

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 63-84
MONTH: OCT HOURS(LST): 0600-0800

		VISIBILITY IN STATUTE MILES																				
CEILING		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	
IN	FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0					
NO CEIL	1	41.7	48.0	48.6	49.1	50.0	50.4	51.0	51.3	51.3	51.3	51.5	51.7	51.7	52.1	52.3	53.0	54.4				
GE 20000	1	43.0	49.8	50.5	51.0	51.9	52.3	52.9	53.3	53.3	53.3	53.5	53.7	53.8	54.2	54.4	55.1	56.7				
GE 18000	1	43.1	49.9	50.6	51.1	52.0	52.3	53.0	53.4	53.4	53.4	53.6	53.8	53.8	54.2	54.4	55.1	56.7				
GE 16000	1	43.5	50.4	51.0	51.5	52.5	52.8	53.4	53.8	53.8	53.8	54.0	54.2	54.3	54.7	54.9	55.6	57.2				
GE 14000	1	43.7	50.8	51.5	52.1	53.0	53.3	54.0	54.4	54.4	54.4	54.6	54.8	54.8	55.2	55.4	56.1	57.7				
GE 12000	1	44.4	51.7	52.4	52.9	53.8	54.2	54.8	55.2	55.2	55.2	55.4	55.6	55.7	56.1	56.3	57.1	58.7				
GE 10000	1	45.0	52.5	53.2	53.7	54.6	55.0	55.6	56.0	56.0	56.0	56.2	56.4	56.5	56.9	57.1	57.9	59.5				
GE 9000	1	45.0	52.5	53.2	53.8	54.7	55.0	55.7	56.1	56.1	56.1	56.3	56.5	56.9	57.2	57.6	58.0	59.5				
GE 8000	1	45.4	53.2	54.0	54.5	55.4	55.7	56.4	56.8	56.8	56.8	57.0	57.2	57.6	57.9	58.3	58.7	60.3				
GE 7000	1	45.5	53.4	54.1	54.6	55.5	55.9	56.5	56.9	56.9	56.9	57.1	57.3	57.4	57.8	58.0	58.9	60.5				
GE 6000	1	46.1	54.1	54.8	55.4	56.3	56.7	57.3	57.7	57.7	57.7	57.9	58.1	58.2	58.6	58.8	59.7	61.2				
GE 5000	1	46.4	54.5	55.2	55.8	56.7	57.0	57.7	58.1	58.1	58.1	58.3	58.5	58.6	59.0	59.2	60.1	61.6				
GE 4500	1	47.0	55.2	55.9	56.5	57.4	57.8	58.4	58.8	58.8	58.8	59.0	59.2	59.3	59.7	59.9	60.8	62.4				
GE 4000	1	47.8	56.1	56.8	57.4	58.3	58.6	59.3	59.7	59.7	59.7	59.9	60.1	60.3	60.4	60.8	61.0	61.9				
GE 3500	1	48.0	56.3	57.0	57.6	58.6	58.9	59.5	59.9	59.9	59.9	60.1	60.3	60.4	60.8	61.0	61.9	63.5				
GE 3000	1	48.7	57.3	58.0	58.6	59.5	59.9	60.5	60.9	60.9	60.9	61.1	61.3	61.4	61.8	62.0	62.9	64.5				
GE 2500	1	49.2	58.4	59.1	59.7	60.7	61.0	61.7	62.1	62.1	62.1	62.3	62.5	62.6	63.0	63.2	64.1	65.6				
GE 2000	1	49.6	59.5	60.4	61.0	62.3	62.7	63.3	63.7	63.7	63.7	63.9	64.1	64.2	64.6	64.9	65.7	67.3				
GE 1800	1	50.3	60.8	61.6	62.4	63.7	64.1	64.7	65.1	65.1	65.1	65.3	65.6	65.6	66.0	66.3	67.2	68.8				
GE 1500	1	50.8	61.7	62.8	63.5	64.9	65.4	66.2	66.6	66.6	66.6	66.8	67.1	67.1	67.5	67.8	68.7	70.3				
GE 1200	1	51.5	63.0	64.1	65.0	66.6	67.1	67.9	68.3	68.3	68.3	68.5	68.8	68.9	69.2	69.5	70.4	72.0				
GE 1000	1	51.7	63.3	64.7	65.9	67.6	68.1	68.9	69.4	69.4	69.4	69.6	69.8	69.9	70.3	70.6	71.5	73.0				
GE 900	1	52.1	64.6	66.1	67.7	69.4	69.9	70.9	71.3	71.3	71.3	71.5	71.8	71.9	72.3	72.5	73.4	75.0				
GE 800	1	52.2	65.3	66.9	69.0	71.1	71.7	72.8	73.2	73.2	73.2	73.4	73.7	73.8	74.2	74.4	75.3	76.9				
GE 700	1	52.3	65.8	67.5	69.7	72.0	72.6	73.7	74.3	74.3	74.3	74.5	74.8	74.8	75.2	75.5	76.4	78.0				
GE 600	1	52.3	66.2	68.1	70.5	73.0	73.7	75.1	75.7	75.7	75.7	75.9	76.1	76.2	76.6	76.9	77.8	79.3				
GE 500	1	52.3	66.5	68.5	71.1	74.3	75.0	76.7	77.3	77.3	77.3	77.5	77.8	77.8	78.2	78.5	79.5	81.1				
GE 400	1	52.3	66.6	68.5	72.0	75.5	76.3	78.4	79.3	79.3	79.3	79.9	80.3	80.5	80.9	81.1	82.1	83.9				
GE 300	1	52.3	66.6	68.6	72.1	75.7	76.6	79.1	80.3	80.5	80.5	81.2	82.0	82.2	82.8	83.0	84.4	86.4				
GE 200	1	52.3	66.7	68.7	72.2	76.1	76.9	79.7	81.0	81.3	81.3	82.4	83.4	83.4	84.5	84.9	87.2	91.8				
GE 100	1	52.3	66.7	68.7	72.2	76.1	76.9	79.8	81.3	81.6	81.6	82.6	83.5	84.2	85.3	85.8	89.2	98.8				
GE 01	52.3	66.7	68.7	72.2	76.1	76.9	79.8	81.3	81.6	81.6	82.6	83.5	84.2	85.3	85.8	89.2	100.0					

TOTAL NUMBER OF OBSERVATIONS: 1525

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 63-84
MONTH: OCT HOURS(UT): 1200-1400

CEILING

VISIBILITY IN STATUTE MILES

IN FEET	1	GE	10	GE	6	GE	5	GE	4	GE	3	2 1/2	GE	2	1 1/2	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	1	55.3	69.0	70.0	70.0	70.0	70.0	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 20000	1	57.7	72.9	74.2	75.1	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9
GE 10000	1	57.8	73.1	74.5	75.4	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2
GE 10000	1	58.0	73.3	74.6	75.5	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 10000	1	58.3	73.9	75.3	76.2	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0
GE 12000	1	59.0	74.7	76.2	77.1	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9
GE 10000	1	59.5	75.3	76.8	77.8	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6
GE 9000	1	59.7	75.5	77.0	77.9	78.5	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8
GE 8000	1	60.5	76.4	77.9	78.9	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7
GE 7000	1	60.9	76.9	78.4	79.3	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 6000	1	61.6	77.5	79.0	80.0	80.5	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8
GE 5000	1	61.9	78.0	79.5	80.5	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
GE 4500	1	62.1	78.4	79.9	80.9	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7
GE 4000	1	62.4	78.8	80.3	81.3	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1
GE 3500	1	63.0	79.5	81.0	82.0	82.5	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8
GE 3000	1	63.7	80.3	81.6	82.8	83.3	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6
GE 2500	1	64.6	81.5	83.0	84.0	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8
GE 2000	1	65.2	82.5	84.1	85.1	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9
GE 1800	1	65.6	83.2	84.9	85.9	86.5	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1500	1	66.2	84.8	86.6	87.7	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6
GE 1200	1	66.7	86.5	88.5	89.6	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5
GE 1000	1	66.8	87.0	89.1	90.3	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
GE 900	1	67.0	87.3	89.6	91.0	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
GE 800	1	67.1	87.7	90.0	91.5	92.5	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 700	1	67.1	88.1	90.7	92.3	93.4	93.4	93.4	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
GE 600	1	67.2	88.8	91.5	93.4	94.7	94.7	94.7	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
GE 500	1	67.2	89.2	92.1	94.2	95.8	95.9	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 400	1	67.2	89.3	92.2	94.4	96.4	96.6	97.2	97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 300	1	67.2	89.3	92.2	94.5	96.5	96.7	97.6	97.6	98.2	98.5	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	1	67.2	89.3	92.2	94.5	96.5	96.7	97.6	97.6	98.2	98.5	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 100	1	67.2	89.3	92.2	94.5	96.5	96.7	97.6	97.6	98.2	98.5	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 0	1	67.2	89.3	92.2	94.5	96.5	96.7	97.6	97.6	98.2	98.5	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 1746

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDOLMBERG AFB CA

PERIOD OF RECORD: 63-74, 77, 79-84
MONTH: OCT HOURS (LST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES																	
IN	FEET	GE	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO	CEIL	1	43.3	53.6	54.6	55.3	55.8	55.8	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.5	56.6	57.3	57.7
GE	20000	43.9	54.5	55.5	56.2	56.7	56.7	56.7	56.8	57.0	57.0	57.0	57.0	57.1	57.1	57.4	57.5	58.1	58.6
GE	18000	43.9	54.6	55.5	56.2	56.8	56.8	56.8	56.9	57.1	57.1	57.1	57.1	57.2	57.2	57.5	57.5	58.2	58.7
GE	16000	44.4	55.1	56.1	56.8	57.5	57.5	57.6	57.6	57.8	57.8	57.8	57.8	57.9	57.9	58.1	58.2	58.9	59.4
GE	14000	44.5	55.7	56.7	57.4	58.1	58.1	58.2	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.8	58.8	59.5	60.0
GE	12000	44.7	56.0	56.9	57.6	58.3	58.3	58.5	58.7	58.7	58.7	58.7	58.7	58.8	58.8	59.0	59.1	59.8	60.2
GE	10000	45.5	56.8	57.7	58.4	59.1	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.8	59.9	60.6	61.0
GE	9000	45.6	56.8	57.9	58.6	59.3	59.3	59.4	59.6	59.6	59.6	59.6	59.6	59.7	59.7	60.0	60.1	60.7	61.2
GE	8000	45.6	57.2	58.2	58.9	59.6	59.6	59.8	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.3	60.4	61.1	61.5
GE	7000	45.9	57.7	58.8	59.4	60.1	60.1	60.3	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.8	60.9	61.6	62.1
GE	6000	46.4	58.1	59.2	59.9	60.6	60.6	60.7	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.3	61.4	62.0	62.5
GE	5000	46.8	58.6	59.6	60.3	61.0	61.0	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.7	61.8	62.5	62.9
GE	4500	47.0	59.0	59.8	60.5	61.2	61.2	61.4	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.9	62.0	62.7	63.1
GE	4000	47.0	59.0	60.1	60.7	61.4	61.4	61.6	61.8	61.8	61.8	61.8	61.8	61.9	61.9	62.1	62.2	62.9	63.3
GE	3500	47.6	59.8	60.8	61.5	62.2	62.2	62.4	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.9	63.0	63.7	64.1
GE	3000	48.3	60.8	61.9	62.6	63.3	63.3	63.4	63.6	63.6	63.6	63.6	63.6	63.7	63.7	64.0	64.0	64.7	65.2
GE	2500	49.2	62.4	63.4	64.1	64.8	64.8	65.0	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.5	65.6	66.3	66.7
GE	2000	49.7	63.7	64.7	65.5	66.2	66.2	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.9	67.0	67.7	68.1
GE	1800	50.4	64.7	65.8	66.6	67.3	67.3	67.5	67.7	67.7	67.7	67.7	67.7	67.8	67.8	68.0	68.1	68.8	69.2
GE	1500	51.3	66.2	67.2	68.1	68.9	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.6	69.7	70.4	70.6
GE	1200	52.5	68.7	69.8	70.6	71.4	71.4	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	72.1	72.2	72.9	73.3
GE	1000	52.9	69.9	71.1	72.2	73.0	73.0	73.1	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.7	73.8	74.5	75.0
GE	900	53.3	71.0	72.2	73.6	74.4	74.4	74.5	74.8	74.8	74.8	74.8	74.8	74.9	74.9	75.1	75.2	75.9	76.3
GE	800	53.6	72.4	73.7	75.1	75.9	75.9	76.1	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.8	76.9	77.6	78.0
GE	700	53.6	73.0	74.6	76.4	77.4	77.4	77.6	77.9	77.9	77.9	77.9	77.9	78.1	78.1	78.3	78.4	79.1	79.5
GE	600	53.6	74.2	76.3	78.6	79.6	79.6	79.9	80.2	80.2	80.2	80.2	80.2	80.5	80.5	80.8	80.9	81.6	82.1
GE	500	53.6	75.3	77.6	80.6	81.9	81.9	82.1	82.7	82.7	82.7	82.7	82.7	83.1	83.2	83.4	83.5	84.2	84.7
GE	400	53.6	75.9	78.8	83.0	84.5	84.5	84.7	85.4	85.4	85.4	85.4	85.4	85.9	86.0	86.3	86.4	87.1	87.5
GE	300	53.6	75.9	78.8	83.2	86.0	86.0	86.4	87.3	87.3	87.3	87.3	87.3	88.4	88.6	89.0	89.1	89.9	90.6
GE	200	53.6	75.9	78.8	83.4	86.6	86.6	87.2	88.5	88.5	88.5	88.5	88.5	89.8	90.3	90.8	91.1	93.0	95.1
GE	100	53.6	75.9	78.8	83.4	86.6	86.6	87.2	88.5	88.5	88.5	88.5	88.5	89.9	90.4	90.5	90.9	94.4	99.7
GE	0	53.6	75.9	78.6	83.4	86.6	86.6	87.2	88.5	88.5	88.5	88.5	88.5	89.9	90.4	90.5	90.9	94.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 1154

TOTAL NUMBER OF OBSERVATIONS: 1154

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 63-84
MONTH: OCT HOURS(IST): ALL

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
1	10	6	5	4	3	2	1 1/2	1	1/2	1	1/4	1	3/4	5/8	1/2	5/16	1/4
NO	CEIL	1	46.0	57.7	58.6	59.3	60.0	60.1	60.3	60.5	60.5	60.6	60.7	60.7	60.9	61.1	61.5
GE	20000	48.2	59.8	60.4	61.6	62.3	62.4	62.4	62.6	62.8	62.8	62.9	63.0	63.0	63.2	63.4	63.4
GE	18000	48.3	60.0	61.1	61.8	62.5	62.6	62.6	62.8	63.0	63.0	63.1	63.2	63.3	63.4	63.6	64.0
GE	16000	48.5	60.3	61.3	62.1	62.8	62.9	62.9	63.2	63.3	63.4	63.5	63.5	63.6	63.8	64.3	65.0
GE	14000	48.8	60.6	61.5	62.6	63.4	63.5	63.5	63.7	63.9	63.9	64.0	64.1	64.1	64.3	64.5	65.5
GE	12000	49.2	61.3	62.4	63.2	63.9	64.0	64.0	64.3	64.4	64.5	64.5	64.6	64.7	64.8	65.0	66.1
GE	10000	49.7	61.9	63.0	63.8	64.6	64.7	64.7	64.9	65.1	65.1	65.2	65.3	65.3	65.5	65.7	66.7
GE	9000	49.8	62.0	63.1	63.9	64.7	64.8	64.8	65.0	65.2	65.2	65.3	65.4	65.4	65.6	65.8	66.8
GE	8000	50.1	62.6	63.7	64.6	65.3	65.4	65.4	65.6	65.8	65.9	65.9	66.0	66.1	66.2	66.4	67.5
GE	7000	50.3	62.9	64.0	64.8	65.6	65.7	65.7	65.9	66.1	66.1	66.2	66.3	66.3	66.5	66.7	67.7
GE	6000	50.8	63.5	64.6	65.5	66.2	66.3	66.3	66.5	66.7	66.7	66.8	66.9	66.9	67.1	67.3	68.4
GE	5000	51.2	63.9	65.1	65.9	66.7	66.8	66.8	67.0	67.2	67.2	67.3	67.4	67.4	67.6	67.8	68.8
GE	4500	51.5	64.3	65.5	66.3	67.0	67.2	67.2	67.4	67.6	67.6	67.7	67.8	67.8	68.0	68.2	69.2
GE	4000	51.9	64.9	66.1	66.9	67.6	67.8	67.8	68.0	68.1	68.2	68.3	68.4	68.4	68.6	68.7	69.8
GE	3500	52.3	65.4	66.6	67.4	68.1	68.3	68.3	68.5	68.7	68.7	68.8	68.9	68.9	69.1	69.2	70.3
GE	3000	52.9	66.2	67.3	68.2	69.0	69.1	69.1	69.3	69.5	69.5	69.6	69.7	69.7	69.9	70.0	71.1
GE	2500	53.6	67.3	68.5	69.4	70.1	70.2	70.2	70.5	70.6	70.7	70.7	70.8	70.9	71.0	71.2	72.3
GE	2000	54.3	68.7	69.9	70.9	71.6	71.6	71.6	72.0	72.2	72.2	72.3	72.4	72.4	72.6	72.8	73.9
GE	1800	54.8	69.6	70.9	71.9	72.7	72.8	72.8	73.1	73.2	73.3	73.4	73.4	73.5	73.7	73.8	74.9
GE	1500	55.5	71.1	72.5	73.6	74.4	74.6	74.6	74.8	75.0	75.0	75.1	75.2	75.3	75.4	75.6	76.7
GE	1200	56.3	73.0	74.5	75.6	76.5	76.7	76.7	76.9	77.1	77.2	77.2	77.3	77.4	77.6	77.7	78.8
GE	1000	56.6	74.0	75.6	76.9	77.8	78.0	78.0	78.3	78.5	78.5	78.6	78.7	78.7	78.9	79.0	80.1
GE	900	56.8	74.9	76.6	78.1	79.1	79.3	79.3	79.6	79.8	79.9	80.0	80.0	80.1	80.3	80.4	81.5
GE	800	57.0	75.8	77.7	79.4	80.5	80.7	80.7	81.1	81.3	81.3	81.4	81.5	81.5	81.7	81.9	83.0
GE	700	57.1	76.4	78.6	80.5	81.7	81.9	81.9	82.3	82.6	82.6	82.7	82.8	82.9	83.0	83.2	84.3
GE	600	57.1	77.1	79.6	81.9	83.3	83.6	83.6	84.1	84.4	84.5	84.6	84.7	84.7	84.9	85.0	86.1
GE	500	57.2	77.7	80.4	83.1	84.9	85.2	85.2	85.9	86.2	86.4	86.5	86.6	86.6	86.8	87.0	88.1
GE	400	57.2	77.9	80.6	84.1	86.3	86.7	86.7	87.6	88.1	88.2	88.4	88.6	88.7	88.8	89.0	90.2
GE	300	57.2	77.9	80.9	84.3	86.8	87.4	87.4	88.5	89.4	89.5	90.0	90.2	90.4	90.7	90.9	92.5
GE	200	57.2	78.0	80.9	84.4	87.0	87.6	87.6	88.8	89.8	90.0	90.7	91.1	91.3	91.9	92.3	93.7
GE	100	57.2	78.0	80.9	84.4	87.0	87.6	87.6	88.9	89.9	90.1	90.8	91.3	91.6	92.2	92.6	94.8
GE	01	57.2	78.0	80.9	84.4	87.0	87.6	87.6	88.9	89.9	90.1	90.8	91.3	91.6	92.2	92.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 10744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 63-72-84
MONTH: NOV HOURS(IST): 0300-0500

CEILING IN FEET		VISIBILITY IN STATUTE MILES																					
		1	1 1/4	1 1/2	2	3	4	5	6	10	GE	1/2	5/8	3/4	1	1 1/4	1 1/2	2	3	4	5	6	
NO	CEIL	50.0	60.3	60.6	60.9	61.2	61.3	61.8	61.9	62.0	62.2	62.4	62.6	62.7	62.9	63.6	64.9						
GE	20000	50.7	61.5	61.8	62.0	62.3	62.4	62.9	63.0	63.1	63.3	63.5	63.7	63.9	64.0	64.7	66.0						
GE	18000	50.8	61.5	61.9	62.1	62.4	62.5	63.0	63.1	63.2	63.4	63.6	63.9	64.0	64.1	64.9	66.1						
GE	16000	51.0	61.8	62.1	62.3	62.6	62.7	63.3	63.4	63.5	63.7	64.0	64.2	64.3	64.4	65.2	66.4						
GE	14000	51.2	62.1	62.4	62.6	63.0	63.1	63.6	63.7	63.9	64.1	64.3	64.5	64.6	64.7	65.5	66.7						
GE	12000	52.5	63.6	64.0	64.2	64.5	64.6	65.2	65.3	65.4	65.6	65.9	66.1	66.2	66.3	67.1	68.3						
GE	10000	53.5	64.7	65.2	65.5	65.9	66.0	66.5	66.6	66.7	67.0	67.2	67.4	67.5	67.6	68.4	69.6						
GE	9000	54.0	65.2	65.6	66.0	66.3	66.4	67.0	67.1	67.2	67.4	67.6	67.8	68.0	68.1	68.8	70.1						
GE	8000	54.3	65.6	66.1	66.4	66.7	66.9	67.4	67.5	67.6	67.8	68.1	68.3	68.5	68.7	69.7	71.0						
GE	7000	54.8	66.1	66.5	66.9	67.2	67.3	67.8	68.0	68.1	68.3	68.5	68.7	69.0	69.1	69.2	70.0						
GE	6000	54.9	66.3	66.7	67.1	67.4	67.5	68.1	68.2	68.3	68.5	68.7	69.0	69.1	69.2	70.0	71.2						
GE	5000	55.1	67.0	67.4	67.7	68.1	68.2	68.7	68.8	69.0	69.2	69.4	69.6	69.7	69.8	70.6	71.8						
GE	4500	55.2	67.5	68.0	68.3	68.6	68.7	69.3	69.4	69.5	69.7	70.0	70.2	70.3	70.4	71.2	72.4						
GE	4000	56.0	69.0	69.4	69.7	70.1	70.2	70.7	70.8	71.0	71.2	71.4	71.6	71.7	71.8	72.6	73.8						
GE	3500	56.5	70.2	70.7	71.1	71.4	71.5	72.1	72.2	72.3	72.5	72.7	72.9	73.1	73.2	73.9	75.2						
GE	3000	56.8	71.1	71.6	72.1	72.4	72.5	73.1	73.2	73.3	73.5	73.7	73.9	74.1	74.2	74.9	76.2						
GE	2500	57.3	72.9	73.6	74.1	74.4	74.5	75.1	75.2	75.3	75.5	75.7	75.9	76.1	76.2	76.9	78.2						
GE	2000	57.5	74.5	75.3	75.7	76.2	76.3	76.8	76.9	77.1	77.3	77.5	77.7	77.8	77.9	78.7	79.9						
GE	1800	58.0	76.3	77.1	77.5	77.9	78.0	78.6	78.7	78.8	79.0	79.3	79.5	79.6	79.7	80.5	81.7						
GE	1500	58.5	78.5	79.5	79.9	80.4	80.5	81.3	81.4	81.5	81.7	81.9	82.2	82.3	82.4	83.1	84.4						
GE	1200	58.9	80.5	81.8	82.3	82.7	82.8	83.6	83.7	83.8	84.0	84.3	84.5	84.6	84.7	85.5	86.7						
GE	1000	59.0	81.6	83.0	83.8	84.3	84.5	85.4	85.5	85.6	85.8	86.0	86.3	86.4	86.5	87.3	88.5						
GE	900	59.0	81.6	83.0	83.8	84.3	84.5	85.4	85.5	85.6	85.8	86.0	86.3	86.4	86.5	87.3	88.5						
GE	800	59.0	82.0	83.8	84.6	85.0	85.3	86.4	86.5	86.6	86.8	87.0	87.3	87.4	87.5	88.2	89.5						
GE	700	59.0	82.7	84.8	85.6	86.6	86.8	87.9	88.0	88.1	88.4	88.6	88.8	88.9	89.0	89.8	91.0						
GE	600	59.0	83.3	85.6	86.7	87.6	87.8	88.9	89.0	89.1	89.4	89.6	89.8	89.9	90.0	90.8	92.0						
GE	500	59.0	83.3	85.8	87.3	88.1	88.4	89.6	89.7	89.8	90.0	90.2	90.5	90.6	90.7	91.5	92.7						
GE	400	59.0	83.3	86.1	87.7	88.7	88.9	90.1	90.2	90.4	90.6	90.9	91.1	91.2	91.4	92.1	93.3						
GE	300	59.0	83.4	86.3	87.8	88.9	89.1	90.6	90.9	91.1	91.4	91.7	91.9	92.0	92.1	93.0	94.3						
GE	200	59.0	83.4	86.3	87.8	88.9	89.1	90.6	91.2	91.5	91.7	92.0	92.2	92.4	92.6	93.7	97.0						
GE	100	59.0	83.4	86.3	87.8	88.9	89.1	90.6	91.4	91.7	91.9	92.2	92.5	92.6	92.9	94.2	99.9						
GE	0	59.0	83.4	86.3	87.8	88.9	89.1	90.6	91.4	91.7	91.9	92.2	92.5	92.6	92.9	94.2	100.0						

TOTAL NUMBER OF OBSERVATIONS: 902

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 63-84
MONTH: NOV HOURS(LST): 1200-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN		GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET		10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
		0															0
NO CEIL	1	60.9	66.5	67.6	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
6E 20000	1	66.1	72.3	73.4	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
6E 18000	1	67.0	73.2	74.3	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
6E 16000	1	67.1	73.5	74.6	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
6E 14000	1	68.1	74.5	75.7	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
6E 12000	1	69.0	75.5	76.6	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
6E 10000	1	69.9	76.7	77.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
6E 9000	1	70.1	76.9	78.1	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
6E 8000	1	70.9	77.9	79.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
6E 7000	1	72.2	79.1	80.3	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
6E 6000	1	72.7	79.8	80.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
6E 5000	1	73.2	80.4	81.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
6E 4500	1	73.7	80.9	82.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
6E 4000	1	74.2	81.5	82.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
6E 3500	1	74.7	82.0	83.2	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
6E 3000	1	75.9	83.6	84.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
6E 2500	1	77.1	85.0	86.5	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
6E 2000	1	78.9	87.3	88.8	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
6E 1800	1	79.5	88.2	89.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
6E 1500	1	80.1	89.2	90.7	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
6E 1200	1	80.5	90.2	91.8	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
6E 1000	1	80.9	91.0	92.8	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
6E 900	1	81.1	91.6	93.4	95.0	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
6E 800	1	81.2	92.0	93.9	95.6	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
6E 700	1	81.3	92.2	94.2	95.9	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
6E 600	1	81.3	92.3	94.3	95.9	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
6E 500	1	81.3	92.4	94.4	96.3	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
6E 400	1	81.3	92.4	94.4	96.6	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
6E 300	1	81.3	92.4	94.4	96.6	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
6E 200	1	81.3	92.4	94.4	96.6	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
6E 100	1	81.3	92.4	94.5	96.7	97.9	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
6E	01	81.3	92.4	94.5	96.7	97.9	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS: 1689

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 63-74, 83-84
MONTH: NOV HOURS (LST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES														GE			
IN FEET	1	GE		GE		GE		GE		GE		GE		GE		GE		GE	
		10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	1/4	1/4	1/4	0
NO CEIL	1	50.4	59.6	59.9	60.0	60.2	60.3	60.5	60.7	60.8	61.1	61.3	61.5	61.5	61.6	62.1	62.1	63.2	
GE 20000	1	51.6	61.4	61.6	61.9	62.0	62.1	62.3	62.5	62.7	63.0	63.2	63.3	63.3	63.4	64.1	64.1	65.1	
GE 18000	1	52.0	61.8	62.1	62.2	62.4	62.5	62.7	62.9	63.1	63.3	63.5	63.7	63.7	63.8	64.5	64.5	65.5	
GE 16000	1	52.2	62.3	62.7	62.8	63.0	63.1	63.3	63.4	63.6	63.9	64.1	64.3	64.3	64.4	65.0	65.0	66.0	
GE 14000	1	52.4	62.6	63.0	63.1	63.3	63.3	63.5	63.7	63.9	64.2	64.4	64.5	64.5	64.6	65.3	65.3	66.3	
GE 12000	1	53.6	64.0	64.4	64.5	64.6	64.7	64.9	65.1	65.3	65.6	65.7	65.9	65.9	66.0	66.7	66.7	67.7	
GE 10000	1	53.8	64.6	65.0	65.1	65.3	65.4	65.6	65.7	65.9	66.2	66.4	66.6	66.6	66.7	67.3	67.3	68.4	
GE 9000	1	54.2	65.0	65.4	65.5	65.7	65.7	65.9	66.1	66.3	66.6	66.8	66.9	66.9	67.0	67.7	67.7	68.8	
GE 8000	1	54.8	65.7	66.1	66.2	66.4	66.5	66.7	66.9	67.0	67.3	67.5	67.7	67.7	67.8	68.4	68.4	69.5	
GE 7000	1	55.0	66.0	66.4	66.5	66.7	66.8	66.9	67.1	67.3	67.6	67.8	68.0	68.0	68.1	68.7	68.7	69.8	
GE 6000	1	55.5	66.6	66.9	67.0	67.2	67.3	67.5	67.7	67.9	68.1	68.3	68.5	68.5	68.6	69.3	69.3	70.4	
GE 5000	1	55.8	67.1	67.5	67.6	67.9	68.0	68.1	68.3	68.5	68.8	69.0	69.2	69.2	69.3	69.9	69.9	71.0	
GE 4500	1	56.2	67.8	68.1	68.3	68.6	68.7	68.9	69.1	69.3	69.5	69.7	69.9	69.9	70.0	70.6	70.6	71.7	
GE 4000	1	57.0	68.6	69.0	69.2	69.4	69.5	69.7	69.9	70.1	70.4	70.5	70.7	70.7	70.8	71.5	71.5	72.6	
GE 3500	1	57.4	69.5	69.9	70.1	70.4	70.5	70.6	70.8	71.0	71.3	71.5	71.7	71.7	71.7	72.4	72.4	73.5	
GE 3000	1	58.4	71.8	72.3	72.5	72.8	72.9	73.0	73.2	73.4	73.7	73.9	74.1	74.1	74.1	74.8	74.8	75.9	
GE 2500	1	58.9	73.0	73.5	73.8	74.1	74.2	74.4	74.6	74.8	75.1	75.3	75.4	75.4	75.5	76.2	76.2	77.3	
GE 2000	1	59.6	75.1	75.6	76.1	76.5	76.6	76.8	77.0	77.2	77.5	77.7	77.8	77.9	78.0	78.6	78.6	79.7	
GE 1800	1	59.7	75.5	76.1	76.5	77.0	77.1	77.3	77.5	77.7	77.9	78.1	78.3	78.3	78.4	79.0	79.0	80.1	
GE 1500	1	59.8	77.3	77.6	78.3	78.8	78.9	79.0	79.2	79.4	79.7	79.9	80.1	80.1	80.1	80.8	80.8	81.9	
GE 1200	1	60.2	78.6	79.4	79.9	80.3	80.5	80.7	80.9	81.1	81.3	81.5	81.7	81.7	81.8	82.5	82.5	83.6	
GE 1000	1	60.3	79.5	80.5	81.0	81.4	81.7	81.9	82.1	82.3	82.5	82.7	82.9	82.9	83.0	83.7	83.7	84.8	
GE 900	1	60.3	80.0	81.1	81.5	82.0	82.3	82.5	82.6	82.8	83.1	83.3	83.5	83.5	83.6	84.2	84.2	85.3	
GE 800	1	60.3	80.1	81.4	81.9	82.5	82.7	82.9	83.1	83.3	83.6	83.7	84.0	84.0	84.1	84.8	84.8	85.9	
GE 700	1	60.3	80.3	81.7	82.3	82.9	83.3	83.5	83.7	83.8	84.1	84.3	84.5	84.5	84.7	85.3	85.3	86.5	
GE 600	1	60.3	80.7	82.2	82.9	83.7	84.2	84.4	84.6	84.8	85.0	85.2	85.4	85.4	85.6	86.2	86.2	87.4	
GE 500	1	60.6	81.6	83.5	84.6	85.4	86.1	86.3	86.5	86.7	87.0	87.2	87.3	87.3	87.5	88.2	88.2	89.4	
GE 400	1	60.7	81.9	83.7	85.7	86.7	87.3	87.6	87.9	88.1	88.5	88.6	88.8	88.8	89.0	89.8	89.8	91.0	
GE 300	1	60.7	82.0	83.9	86.1	87.3	88.4	88.7	89.1	89.3	89.7	90.1	90.3	90.3	90.4	91.4	91.4	92.9	
GE 200	1	60.7	82.2	84.1	86.5	87.9	89.0	89.5	90.1	90.3	90.9	91.4	91.6	91.6	92.0	93.1	93.1	94.1	
GE 100	1	60.7	82.2	84.1	86.5	87.9	89.1	89.6	90.2	90.5	91.0	91.6	91.8	92.1	92.4	93.7	93.7	95.4	
GE 01	1	60.7	82.2	84.1	86.5	87.9	89.1	89.6	90.2	90.5	91.0	91.6	91.8	92.1	92.4	93.7	93.7	100.0	

TOTAL NUMBER OF OBSERVATIONS: 1043

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 63-84
MONTH: NOV HOURS(IST): ALL

CEILING		VISIBILITY IN STATUTE MILES																ALL	
IN	FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	GE	U
NO	CEIL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	GE	U
GE	20000	58.0	65.9	66.5	67.0	67.3	67.4	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	68.5	69.0
GE	18000	58.4	66.4	67.0	67.5	67.8	67.8	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.9	69.4
GE	16000	58.8	66.9	67.5	68.0	68.3	68.3	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.1	69.4
GE	14000	59.4	67.6	68.2	68.7	69.1	69.1	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.9	70.2
GE	12000	60.5	69.0	69.7	70.2	70.6	70.6	70.8	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.4	71.7
GE	10000	61.5	70.4	71.0	71.6	72.0	72.0	72.2	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	73.2	73.7
GE	9000	61.8	70.7	71.3	71.9	72.3	72.3	72.5	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.1	73.4
GE	8000	62.6	71.6	72.3	72.9	73.2	73.2	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	74.1	74.4
GE	7000	63.2	72.3	73.0	73.6	73.9	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.8	75.1
GE	6000	63.8	73.0	73.7	74.3	74.7	74.7	74.9	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.5	75.8
GE	5000	64.3	73.8	74.5	75.1	75.5	75.5	75.7	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.3	76.7
GE	4500	64.8	74.4	75.1	75.7	76.1	76.1	76.3	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	77.0	77.3
GE	4000	65.3	75.1	75.8	76.5	76.9	76.9	77.1	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.7	78.0
GE	3500	65.9	75.9	76.6	77.3	77.7	77.7	77.9	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.5	78.9
GE	3000	66.7	77.2	78.0	78.7	79.1	79.1	79.3	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	80.0	80.3
GE	2500	67.5	78.6	79.5	80.2	80.6	80.6	80.8	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.5	81.8
GE	2000	68.6	80.5	81.4	82.2	82.6	82.7	82.9	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.5	83.8
GE	1800	69.0	81.3	82.2	83.0	83.5	83.5	83.7	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.4	84.7
GE	1500	69.6	82.9	83.9	84.7	85.2	85.3	85.5	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.1	86.5
GE	1200	69.9	83.9	85.2	86.2	86.7	86.8	87.1	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.7	88.1
GE	1000	70.1	84.6	86.1	87.2	87.9	88.0	88.3	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	89.0	89.3
GE	900	70.2	85.0	86.6	87.8	88.5	88.6	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.6	89.9
GE	800	70.3	85.5	87.2	88.4	89.2	89.4	89.8	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.4	90.8
GE	700	70.3	85.8	87.6	88.9	89.8	90.3	90.6	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.2	91.5
GE	600	70.4	86.0	87.9	89.3	90.3	90.6	91.0	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.8	92.1
GE	500	70.5	86.3	88.4	90.0	91.2	91.5	92.0	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	93.0	93.3
GE	400	70.5	86.5	88.7	90.6	91.9	92.4	93.0	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	94.1	94.5
GE	300	70.5	86.7	88.8	90.8	92.3	92.8	93.6	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.8	95.1
GE	200	70.5	86.7	88.9	90.9	92.4	93.0	93.8	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.2	95.6
GE	100	70.5	86.7	88.9	90.9	92.4	93.0	93.9	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.5	95.9
GE	01	70.5	86.7	88.9	90.9	92.4	93.0	93.9	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.7	96.2
GE	01	70.5	86.7	88.9	90.9	92.4	93.0	93.9	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	96.2	97.1
GE	01	70.5	86.7	88.9	90.9	92.4	93.0	93.9	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	96.2	97.1

TOTAL NUMBER OF OBSERVATIONS: 10289

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 63-72,77,80,83
MONTH: DEC HOURS(LST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES																G			
IN	FEET	1	2	3	4	5	6	10	1	2	3	4	5	8	10	12	16	1/4	GE	GE	
NO	CEIL	1	57.7	68.9	69.9	70.2	70.4	70.4	70.5	70.9	70.9	71.0	71.0	71.0	71.0	71.2	71.3	71.4	71.8		
6E	20000	58.7	70.5	71.5	71.8	72.0	72.0	72.0	72.1	72.5	72.5	72.6	72.6	72.6	72.6	72.8	72.9	73.0	73.4		
6E	18000	59.2	71.0	72.0	72.3	72.5	72.5	72.5	72.6	73.1	73.1	73.2	73.2	73.2	73.2	73.3	73.4	73.5	73.9		
6E	16000	59.7	71.6	72.5	72.9	73.1	73.1	73.1	73.2	73.6	73.6	73.7	73.7	73.7	73.7	73.8	73.9	74.0	74.5		
6E	14000	60.0	71.9	72.9	73.2	73.4	73.4	73.4	73.5	73.9	73.9	74.0	74.0	74.0	74.0	74.1	74.3	74.4	74.8		
6E	12000	60.5	72.3	73.3	73.6	73.8	73.8	73.8	73.9	74.4	74.4	74.5	74.5	74.5	74.5	74.6	74.7	74.8	75.2		
6E	10000	61.0	73.0	73.9	74.3	74.5	74.5	74.5	74.6	75.0	75.0	75.1	75.1	75.1	75.1	75.2	75.3	75.4	75.9		
6E	9000	61.1	73.1	74.0	74.4	74.6	74.6	74.6	74.7	75.1	75.1	75.2	75.2	75.2	75.2	75.3	75.4	75.5	76.0		
6E	8000	61.5	73.8	74.8	75.1	75.3	75.3	75.3	75.4	75.9	75.9	76.0	76.0	76.0	76.0	76.1	76.2	76.3	76.7		
6E	7000	61.5	73.9	75.0	75.3	75.5	75.5	75.5	75.6	76.1	76.1	76.2	76.2	76.2	76.2	76.3	76.4	76.5	76.9		
6E	6000	62.0	74.4	75.4	75.7	76.0	76.0	76.0	76.1	76.5	76.5	76.6	76.6	76.6	76.6	76.7	76.8	76.9	77.4		
6E	5000	62.2	75.3	76.4	76.7	76.9	76.9	76.9	77.0	77.5	77.5	77.6	77.6	77.6	77.6	77.7	77.8	77.9	78.3		
6E	4500	62.7	76.2	77.2	77.6	77.8	77.8	77.8	77.9	78.3	78.3	78.4	78.4	78.4	78.4	78.5	78.6	78.7	79.2		
6E	4000	63.7	77.6	78.6	79.0	79.2	79.2	79.2	79.3	79.7	79.7	79.8	79.8	79.8	79.8	79.9	80.0	80.1	80.6		
6E	3500	64.0	78.0	79.1	79.4	79.6	79.6	79.6	79.7	80.1	80.1	80.2	80.2	80.2	80.2	80.3	80.4	80.6	81.0		
6E	3000	65.0	80.6	81.6	81.9	82.2	82.2	82.2	82.3	82.7	82.7	82.8	82.8	82.8	82.8	82.9	83.0	83.1	83.5		
6E	2500	65.4	81.9	83.0	83.3	83.5	83.5	83.5	83.7	84.1	84.1	84.2	84.2	84.2	84.2	84.3	84.4	84.5	84.9		
6E	2000	66.3	85.0	86.1	86.4	86.6	86.6	86.6	86.8	87.2	87.2	87.3	87.3	87.3	87.3	87.4	87.5	87.6	88.0		
6E	1800	66.6	85.4	86.4	86.9	87.1	87.1	87.1	87.2	87.6	87.6	87.7	87.7	87.7	87.7	87.8	87.9	88.0	88.5		
6E	1500	67.1	86.8	87.9	88.7	88.9	88.9	88.9	89.0	89.4	89.4	89.5	89.5	89.5	89.5	89.6	89.7	89.9	90.3		
6E	1200	67.2	87.4	88.6	89.4	89.6	89.6	89.6	89.7	90.2	90.2	90.3	90.3	90.3	90.3	90.4	90.5	90.6	91.0		
6E	1000	67.6	88.2	89.4	90.5	90.7	90.7	90.7	90.9	91.3	91.3	91.5	91.5	91.5	91.5	91.6	91.7	91.8	92.2		
6E	900	67.7	88.5	89.6	90.7	90.9	90.9	90.9	91.1	91.6	91.6	91.7	91.7	91.7	91.7	91.8	91.9	92.0	92.4		
6E	800	67.7	88.6	89.7	90.9	91.1	91.1	91.1	91.3	91.8	91.8	91.9	91.9	91.9	91.9	92.0	92.1	92.2	92.6		
6E	700	67.7	88.6	89.9	91.0	91.2	91.2	91.2	91.5	91.9	91.9	92.0	92.0	92.0	92.0	92.1	92.2	92.3	92.7		
6E	600	67.7	88.6	90.0	91.1	91.3	91.3	91.3	91.6	91.9	91.9	92.3	92.4	92.4	92.4	92.5	92.6	92.7	93.2		
6E	500	67.7	88.6	90.0	91.5	91.7	91.7	91.7	91.9	92.2	92.2	92.6	92.6	92.6	92.8	93.1	93.2	93.3	93.7		
6E	400	67.7	88.7	90.2	91.8	92.3	92.3	92.3	92.6	93.1	93.1	93.5	93.5	93.7	93.7	94.1	94.2	94.3	94.8		
6E	300	67.7	88.7	90.2	91.9	92.7	92.7	92.7	93.1	93.5	93.5	94.0	94.0	94.2	94.3	94.7	94.8	94.9	95.3		
6E	200	67.7	88.7	90.2	92.0	92.8	92.8	92.8	93.2	93.6	93.6	94.2	94.2	94.6	94.6	94.7	95.0	95.1	95.4		
6E	100	67.7	88.7	90.2	92.0	92.8	92.8	92.8	93.2	93.6	93.6	94.2	94.2	94.6	94.6	94.7	95.1	95.4	96.8		
6E	0	67.7	88.7	90.2	92.0	92.8	92.8	92.8	93.2	93.6	93.6	94.2	94.2	94.6	94.6	94.7	95.1	95.4	96.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 63-84
MONTH: DEC HOURS(LST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
NO	CEIL	1	60.7	66.9	66.9	67.3	67.5	67.6	67.8	68.1	68.1	68.2	68.5	68.5	68.6	68.6	68.8
GE	20000	63.0	69.7	70.2	70.3	70.3	70.6	70.9	70.9	71.2	71.2	71.3	71.6	71.6	71.7	71.7	72.0
GE	18000	63.3	70.2	70.3	70.8	71.0	71.3	71.4	71.4	71.6	71.6	71.8	72.0	72.0	72.2	72.2	72.4
GE	16000	63.8	70.6	70.9	71.3	71.6	71.9	72.0	72.2	72.2	72.2	72.3	72.6	72.6	72.7	72.7	73.0
GE	14000	63.9	70.8	71.0	71.6	71.9	72.2	72.3	72.3	72.5	72.5	72.6	72.9	72.9	73.0	73.0	73.3
GE	12000	65.1	72.0	72.2	72.8	73.1	73.4	73.5	73.5	73.7	73.7	73.9	74.1	74.1	74.3	74.3	74.5
GE	10000	65.7	72.6	72.9	73.6	73.9	74.2	74.3	74.4	74.5	74.5	74.7	74.9	74.9	75.1	75.1	75.4
GE	9000	65.7	72.6	73.0	73.7	74.0	74.3	74.4	74.4	74.6	74.6	74.7	75.0	75.0	75.1	75.1	75.4
GE	8000	66.6	73.5	73.8	74.5	74.8	75.1	75.2	75.2	75.4	75.4	75.6	75.8	75.8	76.0	76.0	76.3
GE	7000	67.2	74.1	74.4	75.1	75.4	75.8	75.8	75.8	76.1	76.1	76.2	76.5	76.5	76.6	76.6	76.9
GE	6000	67.5	74.7	75.1	75.8	76.1	76.4	76.5	76.5	76.7	76.7	76.8	77.1	77.1	77.2	77.2	77.5
GE	5000	68.5	76.1	76.5	77.2	77.5	77.9	77.9	77.9	78.2	78.2	78.3	78.6	78.6	78.7	78.7	79.0
GE	4500	68.9	76.9	77.3	78.0	78.3	78.6	78.6	78.7	78.9	78.9	79.1	79.3	79.3	79.5	79.5	79.8
GE	4000	69.7	77.9	78.2	78.9	79.3	79.6	79.6	79.6	79.9	79.9	80.0	80.3	80.3	80.4	80.4	80.7
GE	3500	70.6	78.9	79.3	80.0	80.3	80.7	80.7	80.7	81.0	81.0	81.1	81.4	81.4	81.5	81.5	81.8
GE	3000	72.1	81.0	81.4	82.1	82.4	82.8	82.8	82.8	83.1	83.1	83.2	83.4	83.4	83.6	83.6	83.9
GE	2500	73.9	83.1	83.4	84.3	84.6	84.9	85.0	85.0	85.2	85.2	85.4	85.6	85.6	85.8	85.8	86.1
GE	2000	75.1	85.2	85.7	86.6	87.0	87.3	87.4	87.4	87.7	87.7	87.9	88.1	88.1	88.3	88.3	88.7
GE	1800	75.1	85.3	85.9	86.9	87.3	87.6	87.6	87.7	88.0	88.0	88.2	88.4	88.4	88.6	88.7	89.0
GE	1500	75.6	86.6	87.1	88.3	88.7	89.1	89.2	89.2	89.6	89.6	89.7	90.0	90.0	90.1	90.2	90.5
GE	1200	75.8	87.0	87.7	89.0	89.4	89.8	89.9	89.9	90.3	90.3	90.4	90.7	90.7	90.8	90.9	91.2
GE	1000	76.0	87.5	88.2	89.6	90.1	90.5	90.6	90.6	91.0	91.0	91.1	91.4	91.4	91.5	91.6	91.9
GE	900	76.1	87.6	88.3	89.7	90.3	90.7	90.8	90.8	91.1	91.1	91.3	91.5	91.5	91.7	91.8	92.1
GE	800	76.1	87.6	88.4	89.9	90.4	90.8	91.0	91.0	91.4	91.4	91.5	91.8	91.8	91.9	92.0	92.3
GE	700	76.1	87.7	88.5	90.0	90.6	91.0	91.1	91.1	91.5	91.5	91.7	91.9	91.9	92.1	92.2	92.5
GE	600	76.1	88.0	88.8	90.4	91.1	91.5	91.8	91.8	92.2	92.2	92.3	92.5	92.5	92.7	92.8	93.1
GE	500	76.2	88.3	89.1	91.0	92.2	92.7	92.9	92.9	93.5	93.5	93.7	93.9	93.9	94.1	94.2	94.5
GE	400	76.2	88.3	89.2	91.2	92.5	92.9	93.5	93.5	94.1	94.1	94.5	94.7	94.7	94.9	94.9	95.3
GE	300	76.2	88.3	89.3	91.5	92.9	93.3	93.9	93.9	94.6	94.6	95.1	95.3	95.5	95.6	95.8	96.3
GE	200	76.2	88.3	89.3	91.6	93.1	93.6	94.3	94.3	94.9	94.9	95.6	95.9	96.0	96.3	96.6	97.0
GE	100	76.2	88.3	89.3	91.6	93.1	93.6	94.3	94.3	94.9	94.9	95.6	95.9	96.0	96.4	96.8	98.0
GE	01	76.2	88.3	89.3	91.6	93.1	93.6	94.3	94.3	94.9	94.9	95.6	95.9	96.0	96.4	96.8	98.0

TOTAL NUMBER OF OBSERVATIONS: 1267

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 63-89
MONTH: DEC HOURS(IST): 0500-1100

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	10	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NO CEIL	1 45.1	68.8	69.2	69.5	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.9	69.9	70.0	70.1
GE 20000	68.4	72.5	72.8	73.1	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.7
GE 10000	68.5	72.7	73.2	73.5	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	74.0	74.0	74.1	74.1	74.2
GE 16000	68.8	73.1	73.5	73.9	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.5	74.5
GE 14000	69.6	73.9	74.3	74.8	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.4	75.4	75.5	75.5	75.5
GE 12000	70.8	75.1	75.6	76.0	76.3	76.3	76.3	76.4	76.5	76.5	76.5	76.5	76.6	76.7	76.7	76.8	76.8
GE 10000	71.7	76.2	76.6	77.1	77.3	77.3	77.3	77.4	77.5	77.5	77.5	77.5	77.6	77.7	77.7	77.8	77.8
GE 9000	71.8	76.3	76.7	77.2	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.7	77.8	77.9	77.9	77.9
GE 8000	72.3	76.9	77.4	77.9	78.2	78.2	78.2	78.3	78.4	78.4	78.4	78.4	78.5	78.6	78.6	78.7	78.7
GE 7000	72.8	77.5	78.0	78.5	78.8	78.8	78.8	78.9	79.0	79.0	79.0	79.1	79.2	79.2	79.3	79.3	79.3
GE 6000	73.8	78.7	79.1	79.6	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.3	80.3	80.4	80.4	80.4	80.4
GE 5000	74.4	79.5	80.0	80.5	80.8	80.8	80.8	80.9	81.0	81.0	81.0	81.2	81.2	81.3	81.3	81.3	81.3
GE 4500	74.8	80.1	80.6	81.2	81.6	81.6	81.6	81.6	81.8	81.8	81.8	81.9	82.0	82.0	82.1	82.1	82.1
GE 4000	75.8	81.2	81.7	82.2	82.6	82.6	82.6	82.6	82.8	82.8	82.8	82.9	83.0	83.0	83.1	83.1	83.1
GE 3500	76.5	82.0	82.5	83.0	83.4	83.4	83.4	83.5	83.7	83.7	83.7	83.8	83.8	83.9	83.9	83.9	83.9
GE 3000	78.5	84.4	84.9	85.7	86.1	86.1	86.1	86.2	86.3	86.3	86.3	86.5	86.5	86.6	86.6	86.6	86.6
GE 2500	79.6	86.0	86.6	87.4	87.9	87.9	87.9	87.9	88.1	88.1	88.1	88.2	88.3	88.3	88.4	88.4	88.4
GE 2000	81.3	88.0	88.6	89.6	90.1	90.1	90.1	90.2	90.5	90.5	90.5	90.6	90.7	90.7	90.8	90.8	90.8
GE 1800	81.5	88.3	89.0	90.0	90.6	90.6	90.6	90.6	91.0	91.0	91.0	91.1	91.1	91.2	91.2	91.2	91.2
GE 1500	81.8	89.3	90.0	91.2	91.7	91.7	91.7	91.8	92.1	92.1	92.1	92.3	92.3	92.4	92.4	92.4	92.4
GE 1200	82.1	90.2	91.1	92.4	93.1	93.1	93.1	93.1	93.5	93.5	93.5	93.6	93.6	93.7	93.7	93.7	93.7
GE 1000	82.1	90.5	91.5	92.9	93.7	93.7	93.7	93.8	94.1	94.1	94.1	94.3	94.3	94.4	94.4	94.4	94.4
GE 900	82.1	90.6	91.6	93.1	93.9	93.9	93.9	94.0	94.4	94.4	94.4	94.5	94.5	94.6	94.6	94.6	94.6
GE 800	82.1	90.8	91.9	93.4	94.3	94.3	94.3	94.3	94.7	94.7	94.7	94.9	94.9	95.0	95.0	95.1	95.1
GE 700	82.1	91.0	92.1	93.7	94.7	94.7	94.7	94.8	95.2	95.2	95.2	95.4	95.4	95.5	95.5	95.6	95.6
GE 600	82.2	91.3	92.4	94.0	95.0	95.0	95.0	95.0	95.4	95.4	95.4	95.7	95.7	95.8	95.8	95.9	95.9
GE 500	82.2	91.9	93.3	95.0	96.1	96.1	96.1	96.2	96.7	96.7	96.8	97.0	97.2	97.2	97.3	97.3	97.3
GE 400	82.2	92.0	93.4	95.2	96.4	96.4	96.4	96.5	97.0	97.0	97.2	97.6	97.7	97.8	97.9	98.0	98.0
GE 300	82.3	92.1	93.5	95.4	96.8	96.8	96.8	96.9	97.6	97.6	97.7	98.2	98.6	98.8	98.9	99.0	99.0
GE 200	82.3	92.1	93.5	95.4	96.8	96.8	96.9	96.9	97.7	97.7	97.9	98.4	98.9	99.0	99.2	99.4	99.6
GE 100	82.3	92.1	93.5	95.4	96.8	96.8	96.9	96.9	97.7	97.7	97.9	98.4	98.9	99.0	99.2	99.7	99.9
GE	01 82.3	92.1	93.5	95.4	96.8	96.8	96.9	96.9	97.7	97.7	97.9	98.4	98.9	99.0	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 1757

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 63-84
MONTH: DEC HOURS(IST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES															
FEET	10	1		2		3		4		5		6		7		8	
		GE	GL	GE	GL	GE	GL	GE	GL	GE	GL	GE	GL	GE	GL	GE	GL
NO CEIL	1 60.2	64.5	64.7	65.0	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 20000	63.7	68.8	69.1	69.4	69.8	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 18000	64.1	69.4	69.7	70.0	70.4	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 16000	64.7	70.2	70.4	70.8	71.2	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 14000	65.9	71.5	71.8	72.2	72.6	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 12000	67.2	72.8	73.1	73.7	74.1	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 10000	69.2	75.2	75.6	76.2	76.6	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 9000	69.8	75.8	76.2	76.8	77.2	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 8000	70.4	76.5	76.9	77.5	77.9	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 7000	71.0	77.1	77.5	78.1	78.5	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 6000	71.7	77.9	78.3	78.8	79.2	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 5000	72.2	78.5	78.9	79.5	79.9	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 4500	73.1	79.5	79.9	80.5	81.0	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 4000	73.8	80.5	80.9	81.5	81.9	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 3500	74.5	81.4	81.9	82.5	82.9	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3000	75.4	82.4	82.9	83.5	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2500	76.5	84.0	84.7	85.3	85.9	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 2000	77.1	85.0	85.9	86.5	87.1	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1800	77.7	85.8	86.7	87.3	87.9	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1500	77.9	86.7	87.6	88.2	88.9	88.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1200	78.2	87.8	88.6	89.9	90.6	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1000	78.4	88.5	89.6	90.7	91.5	91.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 900	78.7	88.7	89.9	91.0	91.8	91.8	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 800	78.7	88.8	90.0	91.3	92.1	92.1	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 700	78.7	89.2	90.6	91.9	92.8	92.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 600	78.8	89.5	90.9	92.2	93.2	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 500	79.0	89.9	91.3	92.6	93.7	93.7	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 400	79.0	90.3	91.7	93.0	94.3	94.3	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 300	79.1	90.5	91.9	93.3	94.7	94.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 200	79.1	90.6	92.1	93.5	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 100	79.1	90.6	92.1	93.5	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 0	79.1	90.6	92.1	93.5	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2

TOTAL NUMBER OF OBSERVATIONS: 1739

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 63-84
MONTH: DEC HOURS(LST): ALL

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	1 10-	GE	GE	GL	GE	GE	GE	GE	GE	GE	GL	GE	GL	GE	GL	GE	GE
		10-	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
NO CEIL	1 60.3	67.8	68.2	68.5	68.7	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.2	69.2	69.4
GE 20000	62.6	70.7	71.1	71.4	71.7	71.8	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.2	72.2	72.5
GE 18000	63.0	71.2	71.7	71.9	72.2	72.4	72.5	72.5	72.5	72.5	72.5	72.6	72.7	72.7	72.7	72.8	73.0
GE 16000	63.5	71.8	72.3	72.6	72.9	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.4	73.4	73.7
GE 14000	64.2	72.6	73.1	73.4	73.7	73.8	73.9	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.3	74.3	74.6
GE 12000	65.3	73.8	74.3	74.7	75.0	75.1	75.2	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.5	75.5	75.8
GE 10000	66.2	74.9	75.4	75.8	76.1	76.2	76.3	76.4	76.4	76.4	76.5	76.5	76.6	76.6	76.7	76.7	77.0
GE 9000	66.4	75.1	75.7	76.1	76.4	76.5	76.6	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.9	76.9	77.2
GE 8000	66.9	75.8	76.3	76.7	77.1	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.6	77.6	77.9
GE 7000	67.4	76.3	76.8	77.3	77.6	77.7	77.8	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.1	78.1	78.4
GE 6000	67.9	77.0	77.5	78.0	78.3	78.4	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.8	78.8	79.1
GE 5000	68.5	78.0	78.5	78.9	79.3	79.4	79.5	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.8	79.8	80.1
GE 4500	69.0	78.7	79.2	79.7	80.0	80.1	80.2	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.6	80.6	80.9
GE 4000	69.8	79.7	80.3	80.7	81.1	81.2	81.3	81.4	81.4	81.4	81.5	81.5	81.6	81.6	81.7	81.7	82.0
GE 3500	70.5	80.5	81.1	81.6	81.9	82.0	82.1	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.5	82.5	82.8
GE 3000	71.6	82.2	82.8	83.3	83.7	83.8	83.9	84.0	84.0	84.0	84.1	84.1	84.2	84.2	84.3	84.3	84.6
GE 2500	72.7	84.0	84.6	85.2	85.6	85.7	85.8	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.2	86.3	86.5
GE 2000	73.9	86.0	86.7	87.4	87.8	87.9	88.0	88.2	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.5	88.7
GE 1800	74.1	86.5	87.3	88.0	88.4	88.5	88.6	88.8	88.8	88.8	88.9	89.0	89.0	89.0	89.1	89.2	89.4
GE 1500	74.4	87.6	88.4	89.2	89.7	89.8	89.9	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.4	90.5	90.7
GE 1200	74.7	88.5	89.4	90.4	91.0	91.1	91.2	91.4	91.5	91.5	91.6	91.6	91.6	91.7	91.7	91.8	92.0
GE 1000	74.8	89.0	90.0	91.1	91.8	91.9	92.0	92.3	92.3	92.3	92.4	92.4	92.4	92.5	92.6	92.7	92.9
GE 900	74.9	89.2	90.2	91.3	92.0	92.1	92.2	92.5	92.5	92.5	92.6	92.7	92.7	92.7	92.8	92.9	93.1
GE 800	74.9	89.3	90.3	91.5	92.2	92.3	92.5	92.8	92.8	92.8	92.9	93.0	93.0	93.0	93.1	93.2	93.4
GE 700	74.9	89.5	90.6	91.8	92.6	92.7	92.9	93.2	93.2	93.2	93.3	93.3	93.3	93.4	93.5	93.6	93.8
GE 600	75.0	89.7	90.9	92.1	93.0	93.1	93.4	93.6	93.7	93.7	93.8	93.8	93.8	93.9	94.0	94.1	94.3
GE 500	75.0	90.1	91.3	92.7	93.7	93.9	94.1	94.5	94.6	94.6	94.7	94.8	94.8	94.9	95.0	95.1	95.3
GE 400	75.0	90.3	91.5	93.0	94.1	94.3	94.7	95.1	95.2	95.2	95.3	95.4	95.5	95.6	95.7	95.8	96.1
GE 300	75.1	90.3	91.6	93.2	94.4	94.6	94.9	95.3	95.4	95.4	95.5	95.6	95.7	95.8	95.9	96.0	96.3
GE 200	75.1	90.3	91.6	93.2	94.5	94.7	94.9	95.3	95.4	95.4	95.5	95.6	95.7	95.8	95.9	96.0	96.3
GE 100	75.1	90.3	91.6	93.2	94.6	94.8	94.9	95.3	95.4	95.4	95.5	95.6	95.7	95.8	95.9	96.0	96.3
GE 01	75.1	90.3	91.6	93.2	94.6	94.8	94.9	95.3	95.4	95.4	95.5	95.6	95.7	95.8	95.9	96.0	96.3

TOTAL NUMBER OF OBSERVATIONS: 10713

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 63-84
MONTH: ALL HOURS(1ST): ALL

CEILING		VISIBILITY IN STATUTE MILES												ALL			
IN	FEET	1	2	3	4	5	6	7	8	9	10	11	12	1/4	1/2	3/4	1
NO	CEIL	1	2	3	4	5	6	7	8	9	10	11	12	1/4	1/2	3/4	1
6E	2000	44.7	54.8	55.5	56.0	56.2	56.3	56.4	56.5	56.6	56.7	56.8	56.9	57.0	57.1	57.2	57.3
GE	1800	45.0	55.2	55.9	56.3	56.6	56.7	56.8	56.9	57.0	57.1	57.2	57.3	57.4	57.5	57.6	57.7
GE	1600	45.3	55.5	56.2	56.6	56.9	57.0	57.1	57.2	57.3	57.4	57.5	57.6	57.7	57.8	57.9	58.0
GE	1400	45.7	56.1	56.8	57.3	57.6	57.6	57.8	57.9	58.0	58.1	58.2	58.3	58.4	58.5	58.6	58.7
GE	1200	46.3	56.8	57.6	58.1	58.4	58.4	58.5	58.6	58.7	58.8	58.9	59.0	59.1	59.2	59.3	59.4
GE	1000	47.0	57.7	58.5	59.3	59.3	59.4	59.5	59.6	59.7	59.8	59.9	60.0	60.1	60.2	60.3	60.4
GE	900	47.1	57.9	58.6	59.1	59.4	59.5	59.6	59.7	59.8	59.9	60.0	60.1	60.2	60.3	60.4	60.5
GE	800	47.5	58.4	59.1	59.6	60.0	60.0	60.1	60.2	60.3	60.4	60.5	60.6	60.7	60.8	60.9	61.0
GE	700	47.8	58.8	59.5	60.1	60.4	60.5	60.6	60.7	60.8	60.9	61.0	61.1	61.2	61.3	61.4	61.5
GE	600	48.2	59.3	60.1	60.6	60.9	61.0	61.1	61.2	61.3	61.4	61.5	61.6	61.7	61.8	61.9	62.0
GE	500	48.7	59.9	60.7	61.2	61.6	61.6	61.8	61.9	62.0	62.1	62.2	62.3	62.4	62.5	62.6	62.7
GE	400	49.1	60.4	61.2	61.7	62.1	62.1	62.3	62.4	62.5	62.6	62.7	62.8	62.9	63.0	63.1	63.2
GE	300	49.6	61.1	61.9	62.4	62.8	62.9	63.0	63.1	63.2	63.3	63.4	63.5	63.6	63.7	63.8	63.9
GE	200	50.0	61.7	62.5	63.0	63.4	63.5	63.6	63.7	63.8	63.9	64.0	64.1	64.2	64.3	64.4	64.5
GE	100	50.7	62.6	63.5	64.1	64.4	64.5	64.6	64.7	64.8	64.9	65.0	65.1	65.2	65.3	65.4	65.5
GE	50	51.6	63.9	64.8	65.4	65.8	65.9	66.0	66.1	66.2	66.3	66.4	66.5	66.6	66.7	66.8	66.9
GE	20	52.6	65.6	66.5	67.2	67.5	67.6	67.7	67.8	67.9	68.0	68.1	68.2	68.3	68.4	68.5	68.6
GE	10	53.1	66.4	67.4	68.0	68.4	68.5	68.6	68.7	68.8	68.9	69.0	69.1	69.2	69.3	69.4	69.5
GE	5	53.9	68.0	69.0	69.8	70.2	70.3	70.4	70.5	70.6	70.7	70.8	70.9	71.0	71.1	71.2	71.3
GE	1	54.8	69.9	71.1	71.9	72.4	72.5	72.6	72.7	72.8	72.9	73.0	73.1	73.2	73.3	73.4	73.5
GE	1000	55.4	71.6	72.9	73.8	74.4	74.5	74.7	74.8	74.9	75.0	75.1	75.2	75.3	75.4	75.5	75.6
GE	900	55.7	72.8	74.3	75.3	75.9	76.0	76.2	76.3	76.4	76.5	76.6	76.7	76.8	76.9	77.0	77.1
GE	800	56.0	74.0	75.6	76.7	77.4	77.5	77.7	77.9	78.0	78.1	78.2	78.3	78.4	78.5	78.6	78.7
GE	700	56.2	75.1	77.0	78.4	79.1	79.3	79.5	79.7	79.8	79.9	80.0	80.1	80.2	80.3	80.4	80.5
GE	600	56.3	76.3	78.5	80.2	81.1	81.3	81.6	81.8	81.9	82.0	82.1	82.2	82.3	82.4	82.5	82.6
GE	500	56.4	77.3	79.9	82.2	83.4	83.7	84.1	84.3	84.4	84.5	84.6	84.7	84.8	84.9	85.0	85.1
GE	400	56.4	78.0	80.9	83.6	85.4	85.9	86.5	87.0	87.1	87.3	87.4	87.5	87.6	87.7	87.8	87.9
GE	300	56.4	78.2	81.2	84.5	86.6	87.2	88.1	88.9	89.1	89.5	89.8	90.2	90.4	90.5	90.6	90.7
GE	200	56.4	78.2	81.3	84.7	87.0	87.6	88.7	89.8	90.1	90.7	91.3	91.6	91.7	91.8	91.9	92.0
GE	100	56.4	78.2	81.3	84.7	87.0	87.7	88.8	90.0	90.3	91.0	91.6	92.0	92.1	92.2	92.3	92.4
GE	0	56.4	78.2	81.3	84.7	87.0	87.7	88.8	90.0	90.3	91.0	91.7	92.0	92.1	92.2	92.3	92.4

TOTAL NUMBER OF OBSERVATIONS: 123911

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL SKY COVER

FOR AIRWAYS STATIONS IN: AREAS OF CLEAR, SCATTERED,
BROKEN, OVERCAST, & OBSERVED WERE USED AS INPUT FOR THE
TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 6/10

OVERCAST WAS CONVERTED TO 10/10

OBSERVED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: JAN

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	38.4			20.5						13.4	27.7	4.6	922
03-05	41.0			17.8						13.2	28.0	4.5	932
06-08	27.7			20.7						21.8	29.9	5.6	1286
09-11	20.7			23.7						27.5	28.1	6.0	1704
12-14	18.1			26.4						28.6	26.9	6.1	1705
15-17	16.5			27.1						27.5	29.0	6.2	1692
18-20	24.6			22.7						20.5	32.2	5.7	1136
21-23	36.1			19.3						13.8	30.8	4.9	1084
TOTALS	27.9			22.3						20.8	29.1	5.5	10461

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: FEB

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	35.4			20.0						14.3	30.3	4.9	848
03-05	35.5			17.8						14.5	32.3	5.1	849
06-08	23.4			25.9						19.5	31.2	5.7	1180
09-11	17.6			28.2						24.1	30.1	6.0	1552
12-14	16.1			31.0						27.1	25.8	6.0	1544
15-17	13.5			28.7						27.8	30.0	6.4	1537
18-20	19.4			30.6						21.2	28.8	5.7	970
21-23	32.5			24.0						15.6	27.9	4.9	904
TOTALS	24.2			25.8						20.5	29.6	5.6	9384

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: MAR

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	32.5									14.3	33.3	5.2	933
03-05	32.9			21.1						11.6	34.3	5.1	931
06-08	20.4			24.0						20.9	34.6	6.1	1340
09-11	19.2			27.1						23.2	30.6	6.0	1744
12-14	15.7			30.9						24.5	28.8	6.0	1737
15-17	12.1			32.8						24.1	31.0	6.3	1731
18-20	17.0			26.6						19.7	36.7	6.2	1076
21-23	27.1			21.1						15.5	36.3	5.7	996
TOTALS	22.1			25.4						19.3	33.2	5.8	10488

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: APR

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	37.9			15.3						13.7	33.1	5.0	897
03-05	34.6			13.5						13.6	36.3	5.5	898
06-08	24.7			21.1						16.8	37.4	5.9	1316
09-11	22.5			31.4						20.4	25.7	5.3	1674
12-14	23.1			30.0						22.3	14.7	4.9	1666
15-17	18.8			37.6						23.1	20.5	5.3	1637
18-20	25.0			29.4						18.8	26.8	5.3	1022
21-23	33.7			23.1						11.7	31.5	4.9	965
TOTALS	27.5			25.9						17.6	29.0	5.3	10075

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-84

MONTH: MAY

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	22.2			11.2						8.6	58.0	6.9	940
03-05	16.6			10.5						9.1	63.8	7.5	934
06-08	13.9			16.0						13.0	57.1	7.4	1520
09-11	18.5			27.4						16.6	37.4	6.1	1699
12-14	18.9			34.7						20.5	26.0	5.5	1690
15-17	17.0			30.7						22.9	29.4	5.9	1522
18-20	14.4			21.4						17.6	46.6	6.9	1052
21-23	20.9			14.7						12.9	51.4	6.7	1004
TOTALS	17.8			20.8						15.2	46.2	6.6	10361

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA PERIOD OF RECORD: 64-84

MONTH: JUN

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	17.9			7.6						7.6	66.9	7.6	898
03-05	12.2			6.2						6.0	75.7	8.3	924
06-08	11.9			10.9						9.9	67.3	7.9	1442
09-11	18.4			24.9						16.3	40.4	6.3	1657
12-14	19.7			34.0						25.1	21.1	5.4	1656
15-17	18.6			26.1						25.0	28.3	5.9	1443
18-20	18.0			16.4						13.9	51.6	6.9	1004
21-23	22.3			9.4						7.7	60.6	7.0	962
TOTALS	17.4			17.2						13.9	51.5	6.9	9966

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: JUL

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	13.5			7.0						4.5	74.9	8.1	925
03-05	8.4			5.5						3.6	62.6	8.7	929
06-08	7.2			8.7						7.9	76.2	8.6	1452
09-11	19.0			25.9						15.5	39.7	6.1	1662
12-14	21.4			44.9						21.7	12.0	4.5	1656
15-17	17.5			35.6						26.7	20.2	5.5	1453
18-20	17.1			15.2						12.5	55.2	7.1	1037
21-23	17.9			9.1						6.0	67.1	7.5	991
TOTALS	15.3			19.0						12.3	53.5	7.0	10105

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 64-84
MONTH: AUG

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	13.9			7.1						6.0	73.0	8.0	954
03-05	7.5			5.6						5.6	81.3	8.8	948
06-08	6.8			8.1						9.3	75.7	8.7	1491
09-11	18.9			25.2						17.5	38.4	6.2	1706
12-14	23.2			42.3						23.6	10.8	4.5	1696
15-17	18.9			34.8						25.8	20.5	5.4	1492
18-20	18.0			11.6						11.4	58.9	7.3	1075
21-23	19.4			7.4						6.8	66.4	7.5	1021
TOTALS	15.8			17.8						13.3	53.1	7.1	10383

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 63-84
MONTH: SEP

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	32.0			9.1						9.2	49.7	6.1	956
03-05	26.0			7.8						9.0	57.2	6.8	958
06-08	19.5			13.0						10.4	57.0	7.0	1535
09-11	25.8			23.0						15.3	35.9	5.7	1728
12-14	27.1			34.2						18.9	19.7	4.7	1733
15-17	24.5			25.3						20.1	26.1	5.3	1546
18-20	27.7			18.3						11.0	43.0	5.8	1163
21-23	33.6			12.4						9.8	44.1	5.7	1045
TOTALS	27.0			15.4						13.0	41.6	5.9	10704

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 63-84
MONTH: OCT

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	40.4			15.9						9.6	34.1	4.8	941
03-05	37.9			14.4						10.4	37.3	5.1	952
06-08	26.7			19.0						17.2	37.1	5.8	1512
09-11	28.5			26.2						21.9	23.3	5.1	1745
12-14	28.3			33.1						23.0	15.6	4.6	1745
15-17	25.2			30.3						23.8	20.7	5.1	1572
18-20	28.6			23.5						15.2	32.8	5.3	1147
21-23	37.7			17.6						11.6	33.2	4.9	1082
TOTALS	31.7			22.5						16.6	29.3	5.1	10696

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 63-84
MONTH: NOV

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	37.3			16.0						17.3	27.5	4.8	896
03-05	39.9			17.0						15.4	27.7	4.7	899
06-08	25.3			25.4						22.9	26.4	5.5	1234
09-11	21.0			32.7						22.9	23.4	5.4	1687
12-14	19.3			31.6						28.8	20.4	5.6	1606
15-17	16.9			30.8						28.4	24.0	5.9	1677
18-20	25.4			25.8						19.6	29.2	5.5	1098
21-23	35.1			18.3						17.0	29.6	5.0	1076
TOTALS	27.5			25.0						21.5	26.0	5.3	10253

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 63-84
MONTH: DEC

HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	47.2			16.2						14.2	20.4	3.9	930
03-05	46.8			17.9						13.1	22.2	3.9	932
06-08	28.8			26.1						22.9	22.3	5.1	1280
09-11	23.3			30.3						23.1	23.3	5.3	1757
12-14	19.6			34.7						24.6	21.1	5.4	1756
15-17	18.9			31.6						25.4	24.0	5.6	1739
18-20	26.9			30.2						20.2	22.7	5.0	1164
21-23	38.7			23.2						15.2	22.9	4.4	1136
TOTALS	31.3			26.5						19.8	22.4	4.8	10694

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/WAC

STATION NUMBER: 723930 STATION NAME: VANDENBERG AFB CA

PERIOD OF RECORD: 63-84
MONTH: ALL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										
HOURS (LST)	0	1	2	3	4	5	6	7	8	9
JAN ALL	27.9			22.3					20.8	29.1
FEB	24.2			25.8					20.5	29.6
MAR	22.1			25.4					19.3	33.2
APR	27.5			25.9					17.6	29.0
MAY	17.8			20.8					15.2	46.2
JUN	17.4			17.2					13.9	51.5
JUL	15.3			19.0					12.3	53.5
AUG	15.8			17.8					13.3	53.1
SEP	27.0			16.4					13.0	41.6
OCT	31.7			22.5					16.6	29.3
NOV	27.5			25.0					21.5	26.0
DEC	31.3			26.5					19.8	22.4
TOTALS	23.8			22.2					17.0	37.0
										5.9
										123570

TOTAL
OBS
10461

MEAN

5.5

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

* Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computation of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_X). The number of observations used in the computation for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

723030 VANDENBERG AFB CA 63-84

STATION	HRS (L.S.T.)	STATION NAME												YEARS	
		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
00-02	MEAN	46.9	47.4	48.0	48.2	50.3	52.4	53.7	55.1	56.5	54.6	51.5	47.0	51.0	
	S. D.	5.881	4.759	4.295	3.975	3.020	2.929	2.574	2.301	4.766	4.791	5.456	5.963	5.820	
	TOTAL OBS	929	849	936	904	946	902	930	958	962	953	905	937	1111	
03-05	MEAN	48.8	46.3	46.8	47.4	49.7	52.0	53.0	54.5	56.0	53.8	50.6	48.8	50.2	
	S. D.	6.408	5.013	4.664	4.293	3.106	3.215	2.655	2.308	4.777	4.747	5.709	6.274	5.820	
	TOTAL OBS	932	853	940	902	944	908	933	956	964	955	902	936	1112	
06-08	MEAN	46.1	46.8	48.5	50.5	52.7	54.9	55.2	56.2	57.9	55.5	51.3	46.4	52.1	
	S. D.	6.392	5.172	5.109	5.237	4.358	4.689	3.851	3.596	5.434	5.525	5.855	6.301	6.519	
	TOTAL OBS	1285	1181	1346	1319	1523	1447	1459	1494	1542	1523	1240	1286	1664	
09-11	MEAN	54.8	55.5	56.5	57.7	58.1	60.2	60.9	62.2	65.2	64.7	60.1	58.3	59.3	
	S. D.	6.382	5.353	5.507	6.069	5.246	5.443	4.962	5.061	7.560	7.492	6.372	6.801	6.976	
	TOTAL OBS	1705	1554	1749	1673	1700	1658	1665	1707	1732	1748	1689	1738	20338	
12-14	MEAN	59.2	59.4	58.8	59.2	59.8	62.2	63.6	65.2	67.3	66.6	63.5	60.1	62.1	
	S. D.	6.396	5.154	5.111	5.300	4.460	4.467	3.815	3.788	6.531	6.481	5.865	6.295	6.178	
	TOTAL OBS	1706	1547	1737	1666	1692	1657	1660	1700	1735	1746	1689	1757	20292	
15-17	MEAN	56.7	57.0	56.6	56.9	58.0	60.5	62.0	63.1	64.9	63.2	59.7	56.7	59.5	
	S. D.	5.831	4.558	4.487	4.423	4.277	4.309	3.916	3.862	6.089	5.489	4.732	5.235	5.619	
	TOTAL OBS	1495	1541	1730	1639	1523	1446	1452	1496	1546	1573	1480	1738	19859	
18-20	MEAN	58.0	51.2	51.7	52.0	53.5	55.8	56.9	58.1	59.8	57.4	54.0	50.2	54.3	
	S. D.	4.799	3.352	3.310	3.415	3.353	3.200	3.066	2.825	4.885	3.698	4.094	4.958	5.012	
	TOTAL OBS	1137	973	1078	1025	1054	1007	1037	1077	1162	1154	1099	1164	12967	
21-23	MEAN	47.9	48.7	49.4	49.7	51.4	53.5	54.8	56.2	57.5	55.5	52.2	48.2	52.1	
	S. D.	5.466	4.153	3.798	3.335	2.582	2.687	2.477	2.245	4.408	4.401	4.867	5.676	5.204	
	TOTAL OBS	1089	906	1003	969	1006	964	996	1022	1086	1089	1083	1136	12349	
ALL HOURS	MEAN	52.0	52.6	53.1	53.8	55.0	57.3	58.3	59.6	61.5	59.9	56.5	52.4	56.0	
	S. D.	7.799	6.866	6.427	6.439	5.502	5.614	5.339	5.293	7.233	7.488	7.262	7.899	7.396	
	TOTAL OBS	10478	9404	10519	10097	10388	9989	10132	10410	10729	10741	10287	10712	123886	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

723930 VANDENBERG AFB CA 63-84

STATION

STATION NAME

YEARS

HRS. (L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN 5.938 S.D. 0.000 TOTAL OBS 920	MEAN 4.932 S.D. 0.000 TOTAL OBS 889	MEAN 4.171 S.D. 0.000 TOTAL OBS 936	MEAN 3.395 S.D. 0.000 TOTAL OBS 904	MEAN 2.788 S.D. 0.000 TOTAL OBS 946	MEAN 2.708 S.D. 0.000 TOTAL OBS 902	MEAN 2.359 S.D. 0.000 TOTAL OBS 930	MEAN 2.203 S.D. 0.000 TOTAL OBS 955	MEAN 4.109 S.D. 0.000 TOTAL OBS 962	MEAN 4.464 S.D. 0.000 TOTAL OBS 953	MEAN 5.531 S.D. 0.000 TOTAL OBS 905	MEAN 6.073 S.D. 0.000 TOTAL OBS 937	MEAN 5.022 S.D. 0.000 TOTAL OBS 18308
03-05	MEAN 6.319 S.D. 0.000 TOTAL OBS 932	MEAN 5.282 S.D. 0.000 TOTAL OBS 853	MEAN 4.595 S.D. 0.000 TOTAL OBS 940	MEAN 3.783 S.D. 0.000 TOTAL OBS 902	MEAN 2.980 S.D. 0.000 TOTAL OBS 944	MEAN 2.782 S.D. 0.000 TOTAL OBS 908	MEAN 2.452 S.D. 0.000 TOTAL OBS 933	MEAN 2.168 S.D. 0.000 TOTAL OBS 953	MEAN 4.307 S.D. 0.000 TOTAL OBS 964	MEAN 4.713 S.D. 0.000 TOTAL OBS 955	MEAN 5.788 S.D. 0.000 TOTAL OBS 902	MEAN 6.366 S.D. 0.000 TOTAL OBS 936	MEAN 5.065 S.D. 0.000 TOTAL OBS 18322
06-08	MEAN 6.399 S.D. 0.000 TOTAL OBS 1285	MEAN 5.358 S.D. 0.000 TOTAL OBS 1181	MEAN 4.793 S.D. 0.000 TOTAL OBS 1345	MEAN 3.938 S.D. 0.000 TOTAL OBS 1319	MEAN 3.114 S.D. 0.000 TOTAL OBS 1523	MEAN 3.062 S.D. 0.000 TOTAL OBS 1447	MEAN 2.873 S.D. 0.000 TOTAL OBS 1459	MEAN 2.683 S.D. 0.000 TOTAL OBS 1490	MEAN 3.922 S.D. 0.000 TOTAL OBS 1542	MEAN 4.702 S.D. 0.000 TOTAL OBS 1522	MEAN 5.044 S.D. 0.000 TOTAL OBS 1240	MEAN 6.251 S.D. 0.000 TOTAL OBS 1286	MEAN 6.229 S.D. 0.000 TOTAL OBS 18339
09-11	MEAN 5.180 S.D. 0.000 TOTAL OBS 1704	MEAN 4.356 S.D. 0.000 TOTAL OBS 1554	MEAN 4.215 S.D. 0.000 TOTAL OBS 1749	MEAN 3.821 S.D. 0.000 TOTAL OBS 1673	MEAN 3.320 S.D. 0.000 TOTAL OBS 1699	MEAN 3.260 S.D. 0.000 TOTAL OBS 1658	MEAN 3.130 S.D. 0.000 TOTAL OBS 1665	MEAN 2.976 S.D. 0.000 TOTAL OBS 1707	MEAN 3.931 S.D. 0.000 TOTAL OBS 1732	MEAN 3.773 S.D. 0.000 TOTAL OBS 1747	MEAN 4.513 S.D. 0.000 TOTAL OBS 1689	MEAN 5.350 S.D. 0.000 TOTAL OBS 1757	MEAN 5.431 S.D. 0.000 TOTAL OBS 20334
12-14	MEAN 4.349 S.D. 0.000 TOTAL OBS 1706	MEAN 3.790 S.D. 0.000 TOTAL OBS 1546	MEAN 3.842 S.D. 0.000 TOTAL OBS 1734	MEAN 3.465 S.D. 0.000 TOTAL OBS 1666	MEAN 2.924 S.D. 0.000 TOTAL OBS 1691	MEAN 2.806 S.D. 0.000 TOTAL OBS 1657	MEAN 2.562 S.D. 0.000 TOTAL OBS 1657	MEAN 2.426 S.D. 0.000 TOTAL OBS 1700	MEAN 3.457 S.D. 0.000 TOTAL OBS 1735	MEAN 3.275 S.D. 0.000 TOTAL OBS 1746	MEAN 3.924 S.D. 0.000 TOTAL OBS 1689	MEAN 4.085 S.D. 0.000 TOTAL OBS 1757	MEAN 4.700 S.D. 0.000 TOTAL OBS 20284
15-17	MEAN 4.880 S.D. 0.000 TOTAL OBS 1692	MEAN 3.477 S.D. 0.000 TOTAL OBS 1541	MEAN 3.562 S.D. 0.000 TOTAL OBS 1727	MEAN 3.137 S.D. 0.000 TOTAL OBS 1638	MEAN 2.834 S.D. 0.000 TOTAL OBS 1523	MEAN 2.732 S.D. 0.000 TOTAL OBS 1446	MEAN 2.583 S.D. 0.000 TOTAL OBS 1451	MEAN 2.407 S.D. 0.000 TOTAL OBS 1496	MEAN 3.327 S.D. 0.000 TOTAL OBS 1546	MEAN 2.998 S.D. 0.000 TOTAL OBS 1573	MEAN 3.048 S.D. 0.000 TOTAL OBS 1679	MEAN 4.021 S.D. 0.000 TOTAL OBS 1738	MEAN 4.092 S.D. 0.000 TOTAL OBS 19050
18-20	MEAN 4.890 S.D. 0.000 TOTAL OBS 1136	MEAN 3.453 S.D. 0.000 TOTAL OBS 973	MEAN 3.197 S.D. 0.000 TOTAL OBS 1078	MEAN 2.726 S.D. 0.000 TOTAL OBS 1025	MEAN 2.556 S.D. 0.000 TOTAL OBS 1054	MEAN 2.530 S.D. 0.000 TOTAL OBS 1007	MEAN 2.321 S.D. 0.000 TOTAL OBS 1037	MEAN 2.123 S.D. 0.000 TOTAL OBS 1076	MEAN 3.337 S.D. 0.000 TOTAL OBS 1162	MEAN 3.207 S.D. 0.000 TOTAL OBS 1154	MEAN 4.334 S.D. 0.000 TOTAL OBS 1099	MEAN 5.133 S.D. 0.000 TOTAL OBS 1164	MEAN 4.065 S.D. 0.000 TOTAL OBS 12965
21-23	MEAN 5.572 S.D. 0.000 TOTAL OBS 1089	MEAN 4.368 S.D. 0.000 TOTAL OBS 906	MEAN 3.563 S.D. 0.000 TOTAL OBS 1003	MEAN 2.871 S.D. 0.000 TOTAL OBS 969	MEAN 2.475 S.D. 0.000 TOTAL OBS 1006	MEAN 2.525 S.D. 0.000 TOTAL OBS 964	MEAN 2.215 S.D. 0.000 TOTAL OBS 996	MEAN 2.030 S.D. 0.000 TOTAL OBS 1021	MEAN 3.714 S.D. 0.000 TOTAL OBS 1086	MEAN 3.992 S.D. 0.000 TOTAL OBS 1089	MEAN 4.983 S.D. 0.000 TOTAL OBS 1083	MEAN 5.055 S.D. 0.000 TOTAL OBS 1136	MEAN 5.302 S.D. 0.000 TOTAL OBS 12348
ALL HOURS	MEAN 6.192 S.D. 0.000 TOTAL OBS 10473	MEAN 5.422 S.D. 0.000 TOTAL OBS 9403	MEAN 4.900 S.D. 0.000 TOTAL OBS 10512	MEAN 4.328 S.D. 0.000 TOTAL OBS 10096	MEAN 3.613 S.D. 0.000 TOTAL OBS 10386	MEAN 3.559 S.D. 0.000 TOTAL OBS 9989	MEAN 3.472 S.D. 0.000 TOTAL OBS 10128	MEAN 3.262 S.D. 0.000 TOTAL OBS 10398	MEAN 4.454 S.D. 0.000 TOTAL OBS 10729	MEAN 4.835 S.D. 0.000 TOTAL OBS 10739	MEAN 5.491 S.D. 0.000 TOTAL OBS 10286	MEAN 6.387 S.D. 0.000 TOTAL OBS 10711	MEAN 5.897 S.D. 0.000 TOTAL OBS 123050

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEV-POINTY TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

723930 VANDENBERG AFB CA 63-84

MRS. (L.S.T.)	STATION NAME												ANNUAL
	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	
00-02	MEAN 39.0 S. D. 8.284 TOTAL OBS 929	40.6 7.416 849	41.8 5.975 936	42.7 4.830 904	46.3 3.658 946	49.1 3.034 902	50.6 2.429 930	52.1 2.388 955	51.4 5.864 962	47.1 7.736 953	44.3 7.886 905	39.0 8.816 937	45.4 7.639 11108
03-05	MEAN 38.0 S. D. 8.410 TOTAL OBS 932	39.7 7.505 853	40.8 6.167 940	41.9 5.207 902	46.9 3.878 944	48.8 3.055 908	50.3 2.472 933	51.9 2.349 953	50.9 6.293 964	46.0 8.352 955	43.0 8.234 902	37.7 9.841 936	44.6 8.034 11122
06-08	MEAN 37.8 S. D. 8.705 TOTAL OBS 1285	39.6 7.727 1181	41.8 6.347 1345	43.2 5.036 1319	46.8 3.869 1523	49.8 3.265 1497	51.6 2.626 1459	52.7 2.600 1490	52.2 5.704 1542	46.7 8.344 1522	42.8 8.449 1240	37.4 8.976 1286	45.6 8.260 14639
09-11	MEAN 40.7 S. D. 8.683 TOTAL OBS 1704	42.8 7.853 1554	44.1 6.855 1749	44.9 5.190 1673	48.0 4.101 1699	50.8 3.617 1658	53.1 2.803 1665	54.1 2.807 1707	54.1 5.656 1732	49.2 8.185 1747	44.6 8.438 1689	40.3 9.244 1757	47.2 8.131 20334
12-14	MEAN 42.6 S. D. 8.084 TOTAL OBS 1706	44.4 7.382 1546	45.2 6.430 1734	45.7 4.654 1666	48.3 3.704 1691	51.1 3.489 1657	53.2 2.775 1657	54.2 2.661 1700	54.5 5.104 1735	50.6 7.122 1746	46.4 7.689 1689	42.2 8.978 1757	48.2 7.404 20204
15-17	MEAN 43.7 S. D. 7.192 TOTAL OBS 1692	45.3 6.455 1541	45.7 5.456 1727	45.6 4.216 1638	47.9 3.489 1523	50.8 3.215 1446	52.8 2.639 1451	53.9 2.406 1496	54.1 4.737 1546	51.1 5.819 1573	48.1 6.421 1679	43.9 7.989 1738	48.4 6.817 19050
18-20	MEAN 42.0 S. D. 7.351 TOTAL OBS 1136	43.9 5.984 973	44.8 4.740 1078	44.9 3.847 1025	47.3 3.308 1054	50.2 2.791 1007	51.8 2.289 1037	53.2 2.123 1076	53.2 4.475 1162	50.0 5.739 1154	47.3 6.251 1099	42.0 8.531 1164	47.5 6.552 12965
21-23	MEAN 40.2 S. D. 8.003 TOTAL OBS 1089	41.9 6.848 906	43.3 5.288 1003	44.0 4.186 969	46.9 3.423 1006	49.7 2.837 964	51.3 2.299 996	52.7 2.179 1021	52.2 5.103 1086	48.4 6.657 1089	45.5 7.088 1083	40.5 8.661 1136	46.4 7.171 12348
ALL HOURS	MEAN 40.8 S. D. 8.342 TOTAL OBS 10473	42.6 7.482 9403	43.8 6.258 10512	44.8 4.849 10096	47.3 3.792 10386	50.2 3.326 9989	52.1 2.785 10128	53.3 2.626 10398	53.1 5.495 10729	48.9 7.521 10739	45.4 7.805 10286	40.7 9.038 10711	46.9 7.602 123850

USAFETAC

AIR WEATHER SERVICE/MAC

723930 VANDENBERG AFB CA

[illegible]

DAILY TEMPERATURES

51-52, 58-84

STATION NAME

YEARS

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)**

PLATE 1

[illegible]

GLOBAL CLIMATOLOGY BRANCH
JSAFETAC

AIR WEATHER SERVICE/MAC
723930 VANDENBERG AFB CA
STATION NAME

DAILY TEMPERATURES

51-52, 58-84

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
80						.7							.0
75						.5	.1		.1				.1
70			.1	.3		.9		.1	.8	.5		.1	.2
65	.1	.3		.4	.7	1.0	.9	.5	3.3	1.1	.5		.8
60	.8	.7	1.2	2.2	1.4	3.8	4.5	6.1	11.2	6.2	2.8	.9	3.5
55	5.6	5.3	8.2	10.3	7.7	23.9	31.3	47.3	49.6	31.4	15.5	7.2	20.5
50	22.3	22.9	31.3	33.6	51.6	79.1	92.9	96.4	90.0	69.9	44.7	23.7	55.2
45	50.7	56.1	67.1	76.5	90.6	98.6	100.0	100.0	98.8	93.0	76.3	51.7	80.1
40	77.6	88.3	89.6	96.5	99.3	100.0			100.0	99.0	94.1	80.2	93.7
35	93.6	98.3	99.0	100.0	100.0					100.0	99.5	94.3	98.7
33	96.5	99.7	99.6								99.9	97.7	99.4
30	99.6	100.0	100.0								100.0	99.8	99.9
25	100.0											100.0	100.0
20													
15													
10													
5													
0													
MEAN	44.4	45.5	46.8	47.9	49.7	52.3	53.5	54.5	54.7	52.0	48.6	45.0	49.6
S.D.	6.42	5.389	5.443	5.086	3.979	4.204	3.269	3.133	4.589	5.163	5.723	6.417	6.156
TOTAL OBS	762	699	779	744	763	766	779	797	768	613	781	814	9265

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
723930 VANDENBERG AFB CA
STATION

DAILY TEMPERATURES

51-52, 58-84

YEARS

MEAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
85						.3			.1				.0
80						.9			1.0	.4			.2
75						1.0	.1	.4	2.9	1.6	.1		.6
70	.3		.5	.1	.3	1.4	1.4	1.4	7.4	5.8	1.4	.6	1.9
65	1.8	1.7	1.9	3.8	1.2	3.7	5.5	9.9	22.5	16.4	8.5	2.9	6.8
60	10.6	7.6	11.0	12.5	8.8	27.3	41.2	59.5	65.0	55.5	28.3	14.1	28.8
55	37.1	36.8	38.8	44.9	60.4	89.2	97.7	99.7	98.7	90.4	65.9	41.0	67.1
50	71.3	81.5	84.1	91.0	99.0	100.0	100.0	100.0	99.9	99.6	94.5	75.7	91.5
45	94.1	99.0	98.6	99.9	100.0				100.0	100.0	99.9	95.7	98.9
40	99.7	100.0	100.0	100.0							100.0	99.6	99.9
35	100.0											100.0	100.0
30													
25													
20													
15													
10													
5													
0													
MEAN	52.8	53.3	53.7	54.7	55.6	58.1	59.4	60.6	61.9	64.5	57.0	53.5	56.8
S.D.	5.427	4.321	4.596	4.616	3.503	3.932	3.141	3.101	4.904	5.106	5.116	5.635	5.497
TOTAL OBS.	752	699	779	744	763	766	779	797	758	813	781	814	9265

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

723930 VANDENBERG AFB CA
STATION NAME

51-52, 58-84

YEARS

WHOLE DEGREES FAHRENHEIT

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
51	70	77	72	82	73	72	70	73	79	91	78	66	
52													82
53													
54	73	70	79	88	74	67	85	79	92	83	82	87	
55	73	71	78	83	72	75	78	72	79	83	67	72	90
56	77	72	68	77	66	76	76	74	89	93	77	73	93
57	76	51	57	78	66	75	66	96	75	80	76	80	96
58	74	78	73	69	67	66	72	75	85	77	83	80	85
59	67	75	73	84	63	67	75	73	89	95	78	66	95
60	74	76	67	75	67	66	71	78	87	99	70	75	99
61	71	70	76	90	65	77	70	73	84	94	87	73	94
62	75	73	64	61	88	64	73	75	85	90	84	73	90
63	76	74	74	86	72	72	73	85	98	88	80	75	98
64	73	66	77	69	69	71	73	76	76	84	79	77	84
65	66	58	70	76	93	73	75	73	100	83	80	69	100
66	83	83	77	83	65	77	76	83	89	97	81	66	97
67	71	70	77	75	71	79	75	80	82	88	76	72	88
68	74	72	53	77	78	92	78	69	93	86	81	74	93
69	73	70	71	76	73	74	74	70	73	86	83	72	86
70	78	64	62	65	70	68	69	75	92	81	79	86	
71	82	68	79	68	84	98	69	73	80	84	84	78	98
72	77	77	68	71	65	68	80	80	78	78	81	81	81
73	66	69	87	68	82	70	68	75	87	79	74	69	87
74	67	62	73	68	80	72	73	67	77	71	73	82	82
75	71	75	67	77	65	84	79	77	95	92	78	82	95
76	73	77	71	85	72	92	77	73	72	81	79	76	92
77	66	72	66	76	65	67	71	75	80	79	75	68	80
78	77	68	65	69	70	72	85	74	84	92	73	70	92
79	76	75	80	79	81	67	77	88	97	76	70	71	97
MEAN	73.7	71.7	71.6	77.4	71.8	72.9	73.9	77.0	84.8	87.2	79.2	74.2	91.4
S.D.	4.029	5.224	5.393	7.968	7.871	6.647	4.143	6.508	8.264	7.169	4.721	5.564	5.873
TOTAL OBS.	762	699	779	744	763	766	779	797	768	813	781	816	9267

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

N (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
JSAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

723930 VANDENBERG AFB CA

STATION NAME
STATION

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
51	30	32	31	40	37	41	52	47	41	38	34	31	30
52					*	47	50	53	49	49	36*	38	30
58													
59	35	37	41	45	43	46	50	52	50	50	45	41	35
60	32	40	42	40	44	49	49	48	48	45	37	30	30
61	32	35	36	36	41	45	45	48	46	35	35	37	32
62	30	31	35	39	41	44	48	45	47	42	41	34	30
63	34	48	39	41	43	47	49	48	52	51	42	38	34
64	35	33	34	36	39	45	45	49	43	43	33	32	32
65	33	34	40	37	39	43	45	49	45	40	39	31	31
66	30	33	35	39	43	46	46	49	43	40	38	30	30
67	36	36	37	39	43	43	48	52	50	44	38	26	26
68	30	38	39	37	41	46	50	50	43	44	39	33	30
69	35	38	36	39	42	45	43	47	52	43	40	33	33
70	31	37	36	36	40	45	49	48	43	44	40	36	31
71	30	37	32	39	42	45	46	48	45	36	37	30	30
72	34	36	32	36	43	48	48	47	45	38	38	31	31
73	28	40	37	41	43	46	48	47	49	43	41	42	28
74	35	37	38	44	45	48	49	52	47	45	37	30	30
75	30	33	33	36	41	50	50	52	49	38	39	33	30
76	25*	39*	35*	42*	49*	48*	51*	53*	53*	48*	43*	40	25
77	39*	40*	44*	44*	43*	50*	53*	55*	53*	43*	44*	46	39
78	40*	44*	52*	49*	51*	50*	50*	50*	50*	47*	42*	33	33
79	35*	40*	44*	49*	50*	46*	50*	51*	50*	48*	41*	40	35
80	41*	44*	48*	49*	50*	51*	52*	50*	47*	45*	41*	43	41
81	38*	41*	42*	47*	48*	51*	52*	52*	48*	43*	48*	43	38
82	33*	38*	42*	45*	49*	51*	51*	51*	49*	42*	45*	40	33
83	40*	43*	48*	43*	48*	53*	56*	53*	55*	47*	38*	41	33
84	36*	38*	42*	40*	46*	51*	54*	55*	52*	46*	42*	39	36
MEAN	32.2	36.4	36.3	39.9	41.7	45.2	48.1	48.8	46.6	42.9	38.1	33.3	30.8
S.D.	2.439	3.898	3.177	2.698	2.000	2.078	1.984	2.176	3.312	4.306	3.223	4.156	2.167
TOTAL OBS.	762	599	779	744	763	766	779	797	768	813	781	814	9265

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

R 1 AT 1 EAST ONE DAY LESS THAN FULL MONTH

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930

VANDENBERG AFB CA

64-73

YEARS

MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		D.B./W.B.	TOTAL		Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb						
72° 78						.2												2	2						
70° 60					.1													1	1						
68° 63			.2	.1														3	3						
62° 61		.2				.1												1	1						
60° 50	.1	.8				.1	.2	.1										10	10	5					
58° 57						.1	.1	.1										13	13	10					
56° 55	.8	2.3	.4	1.4	.1	.1	.5											60	60	12					
54° 53	.8	2.9	.8	.5	.1	.1	.8											61	61	16					
52° 51	.4	6.2	1.6	1.7	1.2	1.3		.2										98	98	22					
50° 49		6.1	2.7	1.4	1.1	.8		.2										116	116	34					
48° 47		7.1	2.4	2.6	1.7	.1	.1											130	130	42					
46° 45	.2	6.2	3.1	1.8	1.2	.4												121	121	49					
44° 43		3.9	2.9	1.9	.3	.2												86	86	78					
42° 41		3.4	3.4	2.4														86	86	86					
40° 39		3.3	3.1	.3	.2													63	63	69					
38° 37		3.1	1.2	.2														42	42	70					
36° 35		1.1	.9	.2														20	20	73					
34° 33		.6	.4															10	10	62					
32° 31			.2															2	2	69					
30° 29		.1	.1															2	2	89					
28° 27																				3					
26° 25																									
24° 23																									
22° 21																									
20° 19																									
18° 17																									
16° 15																									
14° 13																									
TOTAL	1.9	46.0	23.9	14.6	6.7	4.4	1.7	.8										929	929	929					

Element (X)	2X ¹	2X	X	X ²	No. Obs.	Mean No. of Hours with Temperature						Total	
Rel. Hum.	5560760	70254	75.6	5763.45	929	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb	2075269	43565	46.9	5.901	929			.4	.3			93	
Wet Bulb	1778935	40277	43.4	5.938	929			2.2				93	
Dew Point	1475289	36213	39.0	8.284	929			24.2				93	

Element (X)	Z _h	Z _x	X	X _a	No. Obs.	Mean No. of Hours with Temperature					TOTAL	
Rel. Hum.	5560760	70254	75.6	16.385	929	≥ 0 F	≥ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb	2075269	43565	46.9	5.901	929						93	
Wet Bulb	1778935	40277	43.4	5.936	929						93	
Dew Point	1475289	36213	39.0	8.284	929						93	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723030 STATION NAME VANDENBERG AFB CA 64-73.78 MONTH JAN

PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	0.0-0.9	Dry Bulb	Wet Bulb	Dew Point	
70/ 69					.3													3	3			
68/ 67							.1											1	1			
66/ 65						.2												2	2			
64/ 61		.4	.1	.2				.2										5	5			
62/ 59		.5	.1						.1									7	7			
58/ 57		.3	.1				.3	.2										9	9		8	
56/ 55	.4	2.8	.4	.4		.1												39	39	11	11	
54/ 53	.2	2.3	1.2	.4	.4	.8	.3	.1										59	59	22	22	
52/ 51	.4	3.3	1.8	1.0	1.2	.6	.1	.2										81	81	36	36	
50/ 49	.6	6.3	2.8	2.1	2.4	.2	.1	.1										131	131	53	53	
48/ 47	.2	4.2	2.7	1.0	1.2	.3												89	89	66	66	
46/ 45	.2	6.2	2.7	2.0	.5	.5												114	114	99	99	
44/ 43	.2	4.0	3.6	2.6	.2													99	99	126	126	
42/ 41	.1	3.1	3.9	3.1	.2	.1												98	98	180	180	
40/ 39		2.9	3.1	1.0														67	67	182	182	
38/ 37	.1	2.0	3.1	.4	.2													58	58	181	181	
36/ 35	.1	2.3	1.2															33	33	83	83	
34/ 33		.9	.8															15	15	84	84	
32/ 31		1.3	.5															17	17	16	16	
30/ 29		.1	.2															3	3	18	18	
28/ 27		.1																1	1	4	4	
26/ 25																				2	2	
24/ 23																					12	12
22/ 21																					9	9
20/ 19																					3	3
18/ 17																					2	2
16/ 15																					3	3
14/ 13																						
TOTAL	2.003	228.4	14.8	6.7	2.9	.9	1.0	.1										932	932	932	932	

Element (X)	Zx'	Zx	X	X'	No. Obs.	Mean No. of Hours with Temperature					
Rel. Hum.	5568179	70563	75.715	872	932	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	Total
Dry Bulb	1995193	42707	45.8	6.408	932			2.1	.4		93
Wet Bulb	1713207	39523	42.4	6.319	932			4.7			93
Dew Point	1413703	35443	38.0	8.410	932			27.6			93

Element (X)	Z _X ²	Z _X	X	%	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	586179	70563	75.715	572	932	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 93 F	Total
Dry Bulb	1995193	42707	45.8	6.408	932		2.1	.4			93
Wet Bulb	1713207	39523	42.4	6.319	932		4.2				93
Dew Point	1413703	38.0	8.410		932		27.6				93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

720030 VANDENBERG AFB SA
STATION NAME

64-84

YEARS

MONTH

PAGE 1 0400-0000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
70/ 69						.1	.1											2	2				
68/ 67						.1	.2											1	1				
66/ 63						.1	.1											1	1				
62/ 61		.2		.1														1	1				
60/ 59	.1	.3	.2		.2	.2	.2	.2	.1									13	13	9	3		
58/ 57		.3	.3	.2	.2	.2	.2	.2	.1									23	23	14	9		
56/ 55	.5	2.3	.9	.9	.1	.2	.2	.2										60	60	23	17		
54/ 53	.2	3.8	1.8	.1	.8	.5	.4	.1										102	102	54	27		
52/ 51	.4	6.0	1.7	1.2	.9	.8	.6											124	124	64	56		
50/ 49	.2	6.0	2.9	1.9	1.3	.9	.2	.1										153	153	84	52		
48/ 47	.3	6.2	2.5	2.0	1.8	.2	.2											135	135	104	78		
46/ 45	.4	6.0	3.1	2.1	1.2	.7												162	162	104	78		
44/ 43	.2	6.7	3.3	2.4	.3	.2												145	145	104	90		
42/ 41	.2	3.0	3.2	1.9	.3													109	109	104	99		
40/ 39	.2	2.3	3.0	1.9	.1	.1												93	93	104	93		
38/ 37	.2	1.7	1.7	.6	.2													57	57	104	123		
36/ 35	.1	1.3	1.6	.1	.1													45	45	104	89		
34/ 33		1.0	1.2															28	28	54	98		
32/ 31		.8	.9															15	15	30	94		
30/ 29		.4	.4															10	10	24	101		
28/ 27			.1															1	1	4	65		
26/ 25			.2															1	1	1	50		
24/ 23																					36		
22/ 21																					17		
20/ 19																					8		
18/ 17																					5		
16/ 15																					5		
14/ 13																					4		
TOTAL	2.640	427.9	15.9	7.0	0.0	1.9	.3	.1										1285	1285	1285	1285		
Element (X)	2X'	2X	X	X'	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.	74.9	95633	74.9	16.085	1285	≥ 0 F												≥ 80 F		≥ 93 F		Total	
Dry Bulb	2779345	59195	66.1	6.392	1285	≥ 32 F												≥ 67 F		≥ 73 F		Total	
Wet Bulb	2360085	54557	42.5	6.399	1285	2.0												5.4		93			
Dew Point	1931472	48548	37.6	8.705	1285	27.9														93			

Element (X)	2 X		X		X		No. Obs.		Mean No. of Hours with Temperature						Total	
	Rel. Hum.	Dry Bulb	Wet Bulb	Dew Point	≥ 32 F	≥ 30 F	≥ 27 F	≥ 25 F	≥ 23 F	≥ 21 F	≥ 19 F	≥ 17 F	≥ 15 F	≥ 13 F	≥ 11 F	≥ 9 F
70/ 69	1400	559	95633	74.4	16.085	1285										
69/ 67	2779	345	59195	46.1	6.392	1285										
68/ 63	2368	805	54557	42.5	6.399	1285										
62/ 61	1931	472	48548	37.8	8.705	1285										
TOTAL																

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72190
STATION
VANDENBERG AFB CA
STATION

66-1144

WE ARE

PAGE 2 ~~0900-1100~~
HOURS (L.S.T.)

[illegible]

304/3324235 HANSEN NIV
30426742
NORWEGIAN AIR FORCE
NORWEGIAN AIR FORCE

PSYCHROMETRIC SUMMARY

STATION
723020

WASHINGTON AFB CA

65-54

STATION NAME

8672A

WORTH

PAGE 2 ~~1200-1000~~
HOURS (L.S.T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723928 STATION NAME
YANKEEBURG AFB GA

64-89

YEARS

44M
MONTH

PAGE 1 15000-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81									.1									1	1		
80/ 79								.1										1	1		
78/ 77							.2					.1		.2				6	6		
76/ 75											.1	.2						8	8		
74/ 73								.2	.1	.1	.3	.2						12	12		
72/ 71								.2	.2	.2	.2	.2						15	15		
70/ 69							.2	.5	.4	.3	.2							26	26		
68/ 67					.1	.1	.4	.6	.3	.2	.1							32	32		
66/ 65		.1	.1	.1	.1	.7	1.0	.6	.5	.2	.1							56	57		3
64/ 63			.1	.2	.3	1.1	.9	.5	.1	.1	.1							59	61		5
62/ 61		.3	.2	.8	1.0	1.7	1.2	.4	.3									113	113		1
60/ 59	.2	1.1	1.4	3.0	1.8	1.3	.9	.6	.1									189	189		18
58/ 57	.2	2.2	3.3	3.7	2.9	2.0	.7	.4										260	260		64
56/ 55	.1	2.8	5.6	3.8	2.1	1.0	.5	.1										283	283		181
54/ 53	.2	2.7	8.2	0.3	2.0	.9	.3	.1										268	268		59
52/ 51	.1	2.7	3.8	2.7	1.9	.5	.1											198	198		101
50/ 49	.1	.9	2.0	1.8	1.0	.4	.1											185	185		210
48/ 47		.5	.7	.7	.4	.1												40	40		199
46/ 45		.2	.2	.2	.1													12	12		188
44/ 43		.1																1	1		162
42/ 41				.1														1	1		169
40/ 39																					118
38/ 37																				1	98
36/ 35																					83
34/ 33																					59
32/ 31																					46
30/ 29																					32
28/ 27																					23
26/ 25																					13
24/ 23																					10
22/ 21																					5
20/ 19																					4
18/ 17																					1
Element (X)	Z X			X			° X			No. Obs.			Mean No. of Hours with Temperature					Total			
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

GLOBAL CLIMATOLOGY BRANCH
USAF/AFSC
AFSC/AFSC/AFSC/AFSC

PSYCHROMETRIC SUMMARY

STATION
723030

WAMWINGERS AFB CA

64-84

YEARS

MONTH

PAGE 2 ~~11-20-1300~~
HOURS (L. S. Y.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 VANDENBERG AFB CA
STATION NAME

64-75.79-84

YEARS

JAN
MONTH

PAGE 1

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 73						.1												1	1		
72/ 71					.1	.1												2	2		
68/ 67				.1					.1									3	3		
66/ 65				.1	.1					.1								2	2		
64/ 63				.1				.1										2	2		1
62/ 61						.1	.1	.3										4	4		1
60/ 59	.2	1.1		.1	.2	.1	.4	.2										24	24		2
58/ 57	.1	.9	.3	.4	.5	.4	.4											34	35		16
56/ 55	.5	3.0	1.0	.7	1.2	1.2	.6	.1										95	95		16
54/ 53	.4	5.5	3.1	1.4	1.1	1.0	.6	.2										150	150		31
52/ 51	.1	9.2	6.7	1.4	1.2	.4	.3											221	221		52
50/ 49	.5	7.3	7.0	2.0	1.4	.1	.2											220	220		96
48/ 47	.2	4.9	3.8	2.0	.9	.1												135	135		128
46/ 45		3.0	4.1	1.8	.4	.2												108	108		132
44/ 43		1.5	2.4	1.8	.3													68	68		113
42/ 41		.4	1.1	.8	.2													33	33		108
40/ 39		.5	.8	.4														20	20		95
38/ 37		.2	.4															6	6		83
36/ 35		.4	.4															8	8		62
34/ 33																					65
32/ 31																				2	54
30/ 29																					41
28/ 27																					18
26/ 25																					9
24/ 23																					7
22/ 21																					6
20/ 19																					1
18/ 17																					1
TOTAL	2.038	330.9	14.2	7.5	3.6	2.6	.7	.1	.2									1136	1137	1136	1136

Element (X)	2 X ¹	2 X	Y	Y ₁	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	6786504	85742	75.5	515.568	1136	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Dry Bulb	2871464	56878	50.0	4.799	1137				.5		93
Wet Bulb	2454799	52515	46.2	4.890	1136		.2				93

Element (X) Z₁ Z₂ X₁ X₂ X₃ X₄ X₅ X₆ X₇ X₈ X₉ X₁₀ X₁₁ X₁₂ X₁₃ X₁₄ X₁₅ X₁₆ X₁₇ X₁₈ X₁₉ X₂₀ X₂₁ X₂₂ X₂₃ X₂₄ X₂₅ X₂₆ X₂₇ X₂₈ X₂₉ X₃₀ X₃₁ X₃₂ X₃₃ X₃₄ X₃₅ X₃₆ X₃₇ X₃₈ X₃₉ X₄₀ X₄₁ X₄₂ X₄₃ X₄₄ X₄₅ X₄₆ X₄₇ X₄₈ X₄₉ X₅₀ X₅₁ X₅₂ X₅₃ X₅₄ X₅₅ X₅₆ X₅₇ X₅₈ X₅₉ X₆₀ X₆₁ X₆₂ X₆₃ X₆₄ X₆₅ X₆₆ X₆₇ X₆₈ X₆₉ X₇₀ X₇₁ X₇₂ X₇₃ X₇₄ X₇₅ X₇₆ X₇₇ X₇₈ X₇₉ X₈₀ X₈₁ X₈₂ X₈₃ X₈₄ X₈₅ X₈₆ X₈₇ X₈₈ X₈₉ X₉₀ X₉₁ X₉₂ X₉₃ X₉₄ X₉₅ X₉₆ X₉₇ X₉₈ X₉₉ X₁₀₀

Rel. Hum. 67.8504 85742 75.515.564 1136

Dry Bulb 2871464 56878 50.0 4.799 1137

Wet Bulb 2454799 52515 46.2 4.890 1136

Total 93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723030 VANDENBERG AFB CA

64-75

JAN
MONTH

STATION NAME

YEARS

PAGE 1 2100-02100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69					.3														3	3	
66/ 65				.2															2	2	
64/ 63				.1															1	1	
62/ 61		.3						.2											5	5	4
60/ 59		.6			.2	.2	.2	.1	.4										12	12	9
58/ 57		.6		.6	.2	.7	.3	.2	.3										25	25	18
56/ 55		.6	.6	.6	.6	.7	.3	.2	.3										53	53	11
54/ 53		.1	.5	.8	1.1	.6	1.3	.3	.2										101	101	34
52/ 51		.6	.7	2.0	2.0	1.7	.9	.4											143	143	66
50/ 49		.3	.9	.5	2.5	1.7	.2	.3											209	209	88
48/ 47		.3	.7	2.0	2.4	1.0	.1	.1											143	143	81
46/ 45		.6	.3	3.2	1.8	.5	.4	.1											115	115	118
44/ 43		.2	.3	2.5	1.7	.4	.1												99	99	105
42/ 41		.2	.2	2.5	1.0	.4													72	72	82
40/ 39		.2	.2	.1	.8														56	56	105
38/ 37		1.0	1.3	.3															34	34	75
36/ 35		.6	.8	.1															16	16	79
34/ 33		.1	.2																3	3	76
32/ 31																					70
30/ 29		.1	.1																2	2	68
28/ 27																					26
26/ 25																					7
24/ 23																					14
22/ 21																					12
20/ 19																					6
18/ 17																					2
16/ 15																					1
TOTAL	2.346	223.4	9.6	7.3	3.4	1.7	1.0											1089	1089	1089	1089

Element (X)	Zx	Y	Cx	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	83035	76.2	16.099	1089	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F
Dry Bulb	253462	52198	47.9	5.466		.2	.3			93
Wet Bulb	2183027	48379	44.4	5.572		1.1				93
Dew Point	1831905	43807	40.2	8.003		17.6				93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723030 VANDENBERG AFB CA
STATION NAME

64-84

YEARS

JAN
MONTH

PAGE 1

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 03																		1	1		
82/ 01																		4	4		
80/ 19																		0	0		
78/ 17																		26	26		
76/ 15																		36	36		
70/ 13																		62	62		
72/ 11																		61	62		
70/ 09																		93	93		
68/ 07																		136	136		
66/ 05																		188	188		
64/ 03																		225	227		
62/ 01																		376	376		
60/ 09																		585	585		
58/ 07																		882	882		
56/ 05																		1070	1070		
54/ 03																		1168	1168		
52/ 01																		1200	1200		
50/ 09																		1161	1161		
48/ 07																		810	810		
46/ 05																		720	720		
44/ 03																		531	531		
42/ 01																		425	425		
40/ 39																		305	305		
38/ 37																		199	199		
36/ 35																		123	123		
34/ 33																		56	56		
32/ 31																		34	34		
30/ 29																		17	17		
28/ 27																		2	2		
26/ 25																		1	1		
24/ 23																					
22/ 21																					
20/ 19																					
18/ 17																					
Element (X)	2X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Mean No. of Hours with Temperature			
Rel. Hum.																		≥ 80 F	≥ 93 F	Total	
Dry Bulb																					
Wet Bulb																					
Dew Point																					

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL A)

MA 62

USAFETAC

[illegible]

PSYCHROMETRIC SUMMARY

723930

VANDENBERG AFB CA

60-73

STATION NAME

YEARS

PER MONTH

PAGE 1 080000Z0200
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
60-65					.1													1	1		
62-65					.1													2	2		
60-60					.2													8	8		
50-67					.1													13	13		
50-60					.1													40	40		2
50-53					.1													85	85		18
52-51					.1													107	107		37
50-49					.1													188	188		35
40-47					.1													829	829		95
40-40					.1													123	123		105
40-43					.1													106	106		88
42-41					.1													77	77		88
40-39					.1													32	32		80
30-37					.1													15	15		77
30-35					.1													6	6		63
30-33					.4																35
32-33																					35
30-29																					27
20-27																					12
26-25																					14
20-23																					10
22-21																					5
20-19																					6
10-17																					5
16-15																					4
TOTAL	1.355	0.23	0.7	6.5	3.5	1.1	.5											849	849	849	

Mean No. of Hours with Temperature

No. Obs.

°a

X

Z X

Z X²

Element (X)

Rel. Hum.	50-53	66-65	70-53	81-8	889	± 0 F	± 32 F	± 67 F	± 80 F	± 93 F	Total
Dry Bulb	193040	40282	4744	4.739	849						84
Wet Bulb	1689465	37641	44.3	4.932	849		6				84
Dew Point	1449093	34457	40.6	7.416	849		11.7				84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 VANDENBERG AFB CA
STATION NAME

60-73.81.84

YEARS

FEB
MONTH

PAGE 3 0300-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb		
62/ 61				.2		.1												3	3	3		
60/ 59						.2												3	3	3		
58/ 57		.2	.1	.2	.6	.5	.2											7	7	7		
56/ 55		1.9	.6	.2	.6	.5	.5											32	32	32		
54/ 53		4.2	1.1	.2	.6	.6	.6											52	52	52		
52/ 51		5.9	2.1	.9	.3	.3	.3											73	73	73		
50/ 49		9.8	2.9	1.1	.4	.2	.2											119	119	119		
48/ 47		8.8	3.1	1.8	.9	.4	.1											130	130	130		
46/ 45	.2	7.9	3.8	1.8	1.2	.6	.6											128	128	128		
44/ 43		5.3	4.0	1.2	.4	.2	.2											96	96	96		
42/ 40	.2	6.2	2.7	1.8	1.2													102	102	102		
40/ 39	.1	2.9	2.9	.8	.6													63	63	63		
38/ 37		1.2	.8	.4	.1													20	20	20		
36/ 35		1.1	1.4	.1														22	22	22		
34/ 33		.9																3	3	3		
32/ 31																						
30/ 29																						
28/ 27																						
26/ 25																						
24/ 23																						
22/ 21																						
20/ 19																						
18/ 17																						
TOTAL		635.025	210.3	6.0	2.5	.5												853	853	853		

Element (X)	Σ X'	Σ X	X	X'	No. Obs.	Mean No. of Hours with Temperature					TOTAL	
Rel. Hum.	5988946	67068	78.6	14.235	853	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		Total	
Dry Bulb	1852878	39522	46.3	5.013	853						89	
Wet Bulb	1626264	36972	43.3	5.282	853					1.6	89	
Dew Point	1389613	33829	39.7	7.509	853					14.7	89	

Element (X)	2x'	2x	X	'x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	5488946	67068	78.614	215	853	≤ 0 F	≤ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	1852378	39522	46.3	5.013	853						84
Wet Bulb	1626264	36972	43.3	5.282	853		1.6				84
Dew Point	1389613	33829	39.7	7.505	853		14.7				84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

123990 STATION NAME: YANKEEBURG AFB CA 65-85 YEARS MONTH: FEB

PAGE 1 0000-0000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Wet Bulb	Dew Point
64/ 63					.1													1	1	
62/ 61				.2														2	2	
60/ 59		.1	.1	.2				.3	.1									10	10	2
58/ 57		.2	.2	.3				.3	.1									10	10	
56/ 55		.3	.3	.4	.3			.4										49	49	13
54/ 53		.4	.4	.5	.4	.3		.5										96	96	23
52/ 51		.5	.5	.6	.5	.4		.6										90	90	45
50/ 49		.6	.6	.7	.6	.5		.7										173	173	58
48/ 47		.7	.7	.8	.7	.6		.8										187	187	97
46/ 45		.8	.8	.9	.8	.7		.9										169	169	132
44/ 43		.9	.9	1.0	.9	.8		1.0										133	133	132
42/ 41		1.0	1.0	1.1	1.0	.9		1.1										114	114	91
40/ 39		1.1	1.1	1.2	1.1	.9		1.2										79	79	121
38/ 37		1.2	1.2	1.3	1.2	.8		1.3										33	33	91
36/ 35		1.3	1.3	1.4	1.3	.7		1.4										22	22	90
34/ 33		1.4	1.4	1.5	1.4	.6		1.5										7	7	71
32/ 31		1.5	1.5	1.6	1.5	.5		1.6												61
30/ 29		1.6	1.6	1.7	1.6	.4		1.7												55
28/ 27		1.7	1.7	1.8	1.7	.3		1.8												35
26/ 25		1.8	1.8	1.9	1.8	.2		1.9												30
24/ 23		1.9	1.9	2.0	1.9	.1		2.0												10
22/ 21		2.0	2.0	2.1	2.0	.0		2.1												11
20/ 19		2.1	2.1	2.2	2.1	.0		2.2												10
18/ 17		2.2	2.2	2.3	2.2	.0		2.3												8
16/ 15		2.3	2.3	2.4	2.3	.0		2.4												2
TOTAL	4.203	4.203	4.203	4.203	4.203	4.203	4.203	4.203	4.203	4.203	4.203	4.203	4.203	4.203	4.203	4.203	4.203	1181	1181	1181

Element (X)	2x'	2x	X	e'	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	731879	91260	77.3	15.801	1181	± 0 F	± 32 F	± 67 F	± 80 F	± 93 F	Total
Dry Bulb	2617918	55262	46.8	5.172	1181						69
Wet Bulb	2273542	51430	43.5	5.358	1181		1.6				84
Dew Point	1917807	46709	39.6	7.727	1181		15.8				84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 STATION YANDEBERG AFB CA 64-84 PER MONTH 0000-1100 HOURS (L. S. T.)

PAGE 2

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	101530	721918	4037538	3815599	2942607	101530	65.3	19.421	55.5	5.353	49.4	4.356	42.8	7.853	1554	1554	1554	1554	1554	1554	
Rel. Hum.																					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

8-49

STATION NAME

YEARS

258
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930
STATION

VANDENBERG AFB CA
STATION NAME

64-84

YEARS

FEB
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 99											.1	.1						1	1		
78/ 97										.1	.1	.1						3	3		
76/ 95									.1	.1	.1	.1						3	3		
74/ 93									.1	.1	.1	.1						2	2		
72/ 91								.1	.1	.1	.2							4	4		
70/ 89						.1	.1	.1	.3	.1	.1	.2						15	15		
68/ 87					.1	.1	.5	.3	.5	.1	.1	.1						24	24		
66/ 85			.1	.3	.3	.6	.6	.6	.4	.2	.1	.1						55	55		
64/ 83			.2	1.0	.8	.8	.6	.8	.3	.1								72	72		
62/ 81		.2	1.2	1.3	1.5	.5	1.2	.4	.1	.1								99	99	2	
60/ 79		.7	3.4	3.8	1.8	1.6	1.3	.5	.1	.1								211	211	20	
58/ 77		1.8	5.8	5.1	3.6	1.6	.5	.3	.1									288	288	77	9
56/ 75	.2	2.7	7.2	5.7	2.3	.8	.3	.1										293	293	162	43
54/ 73		2.5	6.7	4.6	1.6	.5	.1											246	246	268	101
52/ 71	.4	2.1	5.0	2.0	1.0	.1												162	162	338	160
50/ 69	.1	1.0	1.0	1.0														49	49	390	205
48/ 67		.1	.1	.1														5	5	202	244
46/ 65		.1	.3	.1														7	7	95	189
44/ 63			.1															2	2	38	165
42/ 61																					114
40/ 59																					92
38/ 57																					86
36/ 55																					50
34/ 53																					25
32/ 51																					16
30/ 49																					16
28/ 47																					8
26/ 45																					6
24/ 43																					2
22/ 41																					3
20/ 39																					3
18/ 37																					1
16/ 35																					2
14/ 33																					1
12/ 31																					2
10/ 29																					1
Element (X)	Z _{X'}		Z _X		X		° _a		No. Obs.		Mean No. of Hours with Temperature						TOTAL				
Rel. Hum.											≤ 0 F ≤ 32 F ≤ 67 F ≤ 80 F ≤ 93 F						Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

GLOBAL CLIMATOLOGY BRANCH
USAF/AFAC
AIR WEATHER SERVICE/WAC

PSYCHROMETRIC SUMMARY

723930 STATION VANDENBERG AFB CA 64-84 YEARS MONTH FEB

PAGE 2 1800-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1541	1541	1541	1541

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 723930 VANDENBERG AFB CA 64-75.80-84 YEARS MONTH FEB

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65							.2											2	2	2	
60/ 63				.1		.5												6	6	6	
62/ 61						.2	.1	.1										4	4	4	
60/ 59			.4	.2	.1	.1	.2			.1								11	11	11	2
58/ 57		.5	1.1	.3	.4	.7	.1											31	31	31	1
56/ 55		3.5	2.7	.8	.7	.6	.2	.4										87	87	87	16
54/ 53	.4	5.2	6.1	1.4	1.3	.4	.2	.1										153	153	153	33
52/ 51	.3	11.5	10.9	1.2	.6	.8	.5	.1										249	249	249	60
50/ 49	.3	11.0	1.1	3.2	.5	.4												258	258	258	101
48/ 47	.5	5.4	2.9	1.8	.4	.1	.1											105	105	105	189
46/ 45	2.4	1.8	.5	.4														50	50	50	157
44/ 43	.7	.2	.2															11	11	11	133
42/ 41	.2	.4																6	6	6	100
40/ 39																					21
38/ 37																					9
36/ 35																					44
34/ 33																					1
32/ 31																					30
30/ 29																					22
28/ 27																					7
26/ 25																					14
24/ 23																					7
22/ 21																					4
20/ 19																					6
18/ 17																					1
16/ 15																					1
14/ 13																					1
10/ 9																					1
TOTAL	1.04	1.03	7.2	9.9	4.5	3.9	1.5	.7	.1	.1								973	973	973	973

Element (X)	Zx'	Zx	X	Ca	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6091368	75460	77.6	13.953	973	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2558857	49791	51.2	3.352	973							64
Wet Bulb	2220476	46360	47.6	3.453	973							84
Dew Point	1912285	42741	43.8	5.984	973							84

Mean No. of Hours with Temperature

No. Obs.

'A

X

Z X

Z X'

Element (X)

Total

= 93 F

= 80 F

= 73 F

= 67 F

= 32 F

= 0 F

973

973

77.6

75460

49791

46360

42741

6091968

2558857

2220476

1912285

3.9

84

84

84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION

723930 VANDENBERG AFB CA

64-74.77

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65					.1													1	1		
68/ 63				.1	.1													2	2		
62/ 61									.1									1	1		
60/ 59				.1	.1	.6	.3	.1	.1									11	11		
58/ 57		.7	.6	.1	.2	.2		.1										17	17	2	
56/ 55		2.5	1.0	.3	.2	.4	.1											42	42	11	3
54/ 53		3.6	2.4	.3	.6	.1												64	64	36	23
52/ 51		7.4	3.5	1.4	.4	.3	.1											120	120	94	32
50/ 49	.1	11.0	7.2	1.9	1.2	.9	.1											230	230	122	63
48/ 47	.2	9.6	2.9	1.0	1.0	.4	.1											145	145	147	114
46/ 45	.1	7.5	3.2	1.4	1.7	.7												132	132	168	122
44/ 43		5.6	1.5	1.2	.1	.3												80	80	108	124
42/ 41	.1	2.6	1.2	.3														39	39	103	113
40/ 39		1.3	.8		.1	.1												21	21	65	81
38/ 37		.1																1	1	44	62
36/ 35																				14	52
34/ 33																				2	32
32/ 31																				2	21
30/ 29																					19
28/ 27																					19
26/ 25																					7
24/ 23																					3
22/ 21																					4
20/ 19																					3
18/ 17																					5
16/ 15																					3
14/ 13																					1
TOTAL	.655	.124	.3	9.1	5.6	4.2	.8	.2	.2									906	906	906	906

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930
STATION

VANDENBERG AFB CA
STATION NAME

64-84

YEARS

FEB
MONTH

PAGE 1

APR
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 83																		1	1		
82/ 81																		1	1		
80/ 79																		1	1		
78/ 77																		1	1		
76/ 75																		1	1		
74/ 73																		1	1		
72/ 71																		1	1		
70/ 69																		1	1		
68/ 67																		1	1		
66/ 65																		1	1		
64/ 63																		1	1		
62/ 61																		1	1		
60/ 59																		1	1		
58/ 57																		1	1		
56/ 55																		1	1		
54/ 53																		1	1		
52/ 51																		1	1		
50/ 49																		1	1		
48/ 47																		1	1		
46/ 45																		1	1		
44/ 43																		1	1		
42/ 41																		1	1		
40/ 39																		1	1		
38/ 37																		1	1		
36/ 35																		1	1		
34/ 33																		1	1		
32/ 31																		1	1		
30/ 29																		1	1		
28/ 27																		1	1		
26/ 25																		1	1		
24/ 23																		1	1		
22/ 21																		1	1		
20/ 19																		1	1		
18/ 17																		1	1		
Element (X)																	Mean No. of Hours with Temperature				
Rel. Hum.																	= 80 F = 93 F		Total		
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

64-83

STATION NAME

YEARS

FEB
MONTH

PAGE 2

HOURS (L.S.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930
STATION

VANDENBERG AFB CA
STATION NAME

64-74,78

YEARS

MAR
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67							.1											1	1	1	
66/ 65						.1												1	1	1	
64/ 63				.1	.2			.1										4	4	4	
62/ 59			.1		.2	.1		.2										6	6	6	
58/ 57		.9	.7	.4	.1	.2	.1	.1	.1									14	14	14	
56/ 55		.7	.2	.5	.5	.5	.4	.1	.1									27	27	27	13
54/ 53		2.2	2.6	.3	.4	.4	.3	.1	.2									58	58	58	7
52/ 51	.1	7.6	3.8	1.2	.1	.1	.1											122	122	122	56
50/ 49	.1	12.7	7.3	2.1	.9	.1												217	217	217	20
48/ 47	.1	10.8	4.7	1.8	.3	.1												167	167	167	61
46/ 45	.8	7.6	3.8	1.2	.3	.1												127	127	127	145
44/ 43	.2	9.7	3.5	1.0	.3	.1												92	92	92	125
42/ 41	.2	3.7	2.0	.1	.1	.2												60	60	60	130
40/ 39	.4	1.8	.6	.1														28	28	28	115
38/ 37		.2	.6	.1														9	9	9	68
36/ 35		.1		.1														2	2	2	61
34/ 33			.1															1	1	1	29
32/ 31																					2
30/ 29																					14
28/ 27																					9
26/ 25																					9
24/ 23																					5
22/ 21																					4
20/ 19																					1
18/ 17																					3
16/ 15																					3
TOTAL	1.653	229.7	8.8	3.6	1.8	.5	.7											936	936	936	936
									</												

Element (X)	Z _X	Z _X	X	X	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	6158124	74956	80.1	12.899	936	≥ 0 F	≥ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2176292	44954	48.0	4.295	936			.1				93
Wet Bulb	1921311	42227	45.1	4.171	936			.2				93
Dew Point	1672074	39164	41.6	5.975	936			6.5				93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723980 STATION VANDENBERG AFB CA 64-73.78.82.84 YEARS MAR MONTH

PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 64					.1													1	1		
60/ 60			.1	.3			.1											5	5		
50/ 50		.3	.3		.2		.2											10	10		
50/ 48		1.3	.1	.3	.9	.2	.1											27	27	11	3
50/ 53		1.2	1.2	.5	.6	.3	.1											37	37	13	6
50/ 50		5.9	2.0	1.0	.4	.2												96	96	22	19
50/ 49	.38	3.3	7.0	1.4	.5	.3												187	187	98	46
40/ 47	.33	1.7	2.7	2.0	.5	.3												163	163	103	82
40/ 48	.2	0.4	0.8	1.2	.2													142	142	100	128
40/ 43	.2	2.7	3.1	.6	.3													94	94	128	136
40/ 41	.7	3.2	3.7	.8	.2													79	79	111	122
40/ 39	.4	0.4	1.4	.8														60	60	86	94
30/ 39	.2	1.0	.4	.1	.1													23	23	76	93
36/ 38		.4	.5	.2														11	11	24	78
30/ 33			.2	.1														3	3	11	46
32/ 31		.1		.1														2	2	7	33
30/ 29																				3	14
28/ 27																				2	17
26/ 25																					10
24/ 23																					7
22/ 21																					2
20/ 19																					1
18/ 17																					1
16/ 15																					2
TOTAL	2.654	.120	.3	8.9	4.1	1.4	.5											940	940	940	940

Element (X)	Σ X ²	Σ X	X̄	Σ X̄	No. Obs.	Mean No. of Hours with Temperature					TOTAL	
Rel. Hum.	6232034	75644	80.5	12.4	940	≥ 0 F	≥ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb	2079157	43991	46.8	4.6	940		2				93	
Wet Bulb	1843103	41399	44.0	4.5	940		1.2				93	
Dew Point	1602594	38378	40.6	6.1	940		8.6				93	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723900 VANDENBERG AFB CA

64-84

YEAR MONTH

PAGE 1 0000-0000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb		
66/ 65									.1									1	1			
64/ 63																		3	3			
62/ 61								.2	.1									12	12			
60/ 59			.2					.1	.1									20	20			
58/ 57			1.1					.3	.2									53	53			
56/ 55	.4	1.5	1.1	.8				.4	.1									68	68	32		
54/ 53	.1	2.6	2.4	1.0	1.0			.4	.1									101	101	46		
52/ 51	.5	5.5	5.1	1.9	.7	.1		.1										188	188	98		
50/ 49	.4	9.3	5.8	2.0	1.3	.8		.3										269	269	160		
48/ 47	.7	9.1	2.9	1.6	.5	.3	.1											204	204	242		
46/ 45	.6	6.4	2.5	.8	.2	.3												149	149	179		
44/ 43	.3	9.3	2.8	.4	.1	.1												111	111	153		
42/ 41	.4	2.4	2.2	.8	.1													85	85	143		
40/ 39	.3	1.5	1.0	.5														48	48	101		
38/ 37	.1	1.0	.1	.3														24	24	63		
36/ 35	.1	.4	.2	.1														11	11	24		
34/ 33		.1	.1	.1	.2													4	4	16		
32/ 31																		5	5	30		
30/ 29																		2	2	19		
28/ 27																		1	1	20		
26/ 25																				16		
24/ 23																				9		
22/ 19																				5		
20/ 17																				2		
18/ 15																				3		
TOTAL	9.745	5.27	7.11	6	5.7	3.4	1.1	.2										1345	1346	1345		

Element (X)	2X'	2X	X	X'	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	8655029	106137	78.916	4.21	1345	= 0 F	= 32 F	= 67 F	= 80 F	= 93 F	Total
Dry Bulb	3205113	65321	48.5	5.109	1346						93
Wet Bulb	2799596	61324	45.4	4.793	1345						93
Dew Point	2412991	56285	41.6	6.547	1345						93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 STATION NAME: VANDEMBERG AFB CA 64-84 YEARS MONTH: MAR 1964 HOURS (L. S. T.): 0900-1100

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 63																		1	1		
68/ 73													.1					2	2		
70/ 77																		3	3		
72/ 75																		5	5		
74/ 73																		7	7		
76/ 71																		18	18		
78/ 69																		27	27		
80/ 67																		31	31		
82/ 65																		55	55		
84/ 63																		83	83		
86/ 61																		128	128		
88/ 59																		166	166		
90/ 57																		240	240		
92/ 55																		297	297		
94/ 53																		286	286		
96/ 51																		224	224		
98/ 49																		108	108		
100/ 47																		42	42		
102/ 45																		21	21		
104/ 43																		4	4		
106/ 41																		1	1		
108/ 39																					
110/ 37																					
112/ 35																					
114/ 33																					
116/ 31																					
118/ 29																					
120/ 27																					
122/ 25																					
124/ 23																					
126/ 21																					
128/ 19																					
130/ 17																					
132/ 15																					

Element (X)	Mean No. of Hours with Temperature					Total
	≤ 0 F	≤ 32 F	≤ 67 F	≤ 80 F	≥ 93 F	
Rel. Hum.						
Dry Bulb						
Wet Bulb						
Dew Point						

PSYCHROMETRIC SUMMARY

MAR
MONTH

PAGE 2 0900-1100
HOURS (L.S.T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 722990 WANDENBERG AFB CA STATION NAME 64-84 YEARS MONTH MAR

PAGE 1 1200-1800 HOURS (L. S. T.)

Temp. (P)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
88/-07														.1				1	1			
88/-08															.1			2	2			
88/-09																		5	5			
88/-10						.1						.1	.1					8	8			
88/-11												.1	.1	.2				1	1			
88/-12												.1	.1					6	6			
72/-11							.2	.4	.5	.1	.1	.2					23	23				
70/-09			.1				.3	.6	.7	.2	.2	.2					32	32				
68/-07					.1		.4	.6	.5	.1	.1						41	41				
66/-05					.2	.2	.9	.7	.7	.2	.1						80	80				
64/-03		.1	.4	1.0	2.3	1.8	1.4	.5	.1	.1							142	143		2		
62/-01		.2	1.3	3.3	2.7	2.0	.8	.3	.5	.1							192	193		15		
60/-09		.9	2.0	5.4	3.7	1.4	.5	.4	.1								251	252		46		
58/-07		1.4	3.9	7.4	4.4	1.2	.7	.1									333	333		123		
56/-05		1.0	3.5	5.7	4.5	1.4	.4	.2									289	289		244		
54/-03	.1	1.9	3.1	3.8	2.2	.6	.1										209	209		296		
52/-01	.1	.7	1.6	1.6	.4	.2											79	79		376		
50/-09	.1	.2	.9	.1	.3												27	27		283		
48/-07	.1	.3	.1														9	9		214		
46/-05		.1															1	1		106		
44/-03																	1	1		21		
42/-01																	1	1		197		
40/-09																				9		
38/-07																				1		
36/-05																				115		
34/-03																				81		
32/-01																				52		
30/-09																				31		
28/-07																				18		
26/-05																				14		
24/-03																				17		
22/-01																				11		
20/-09																				6		
22/-01																				3		
20/-09																				1		
Element (X)																		Mean No. of Hours with Temperature				
Rel. Hum.																		≤ 0 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																						
Wet Bulb																						
Dew Point																						

Element (X)	Z _X	X	σ _X	No. Obs.	Mean No. of Hours with Temperature			
Rel. Hum.					≤ 0 F	≤ 32 F	≤ 67 F	≥ 93 F
Dry Bulb								Total
Wet Bulb								
Dew Point								

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723980

VANDENBERG AFB CA

64-76, 78, 80-84

MAR
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 67						.1	.1											2	2		
65/ 65						.1	.1											1	1		
60/ 63				.2	.2	.2	.2											6	6		
62/ 61			.4	.1	.1	.1	.1	.1										9	9		
60/ 59		.6	.5	.4	.3	.3	.1	.1	.1									24	24		
50/ 57		.7	1.2	1.1	.6	.5	.2	.2	.1	.1								47	47		
56/ 55		.7	3.2	1.9	.7	.1	.1	.2										76	76		
50/ 53	.1	6.8	10.4	1.9	.2	.2	.2	.1										211	211	16	5
52/ 51	.1	9.2	17.3	2.7	.3	.1												319	319	167	48
50/ 49		8.2	10.5	2.8	.5	.1												237	237	253	145
48/ 47		3.0	4.6	1.9			.1											103	103	316	184
66/ 45	.1	1.2	1.3	.4	.1													33	33	141	241
60/ 43		.1	.4	.1	.1													7	7	86	145
62/ 41		.3																3	3	30	121
60/ 39																				10	79
38/ 37																				1	45
36/ 35																				1	14
34/ 33																					12
32/ 31																					6
30/ 29																					1
28/ 27																					2
26/ 25																					4
24/ 23																					2
22/ 21																					2
18/ 17																					1
TOTAL	.330	.549	.813	.5	3.0	1.6	.8	.4	.2									1078	1078	1078	1078

Element (X)	Z _X	X	X _A	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	6667008	83961	77.9	1078	≥ 0 F	≥ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2896113	55761	51.7	1078			2			93
Wet Bulb	2520995	52017	48.3	1078						93
Dew Point	2188109	48298	44.8	1078	1.6					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

173000 STATION 173000 VANDENBERG AFB CA 69-74.78.82.84 YEARS MONTH MAR

PAGE 1 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 78								.2										2	2		
70/ 69								.1										1	1		
66/ 65									.2									2	2		
62/ 61									.1									7	7		
60/ 59		.1			.3	.1	.1	.1	.1									7	7		
58/ 57		.7	.2	.3	.3	.1	.2	.1										15	15	5	2
56/ 55		.5	.8	.5	.5	.1	.2	.4	.3									28	28	8	5
54/ 53		3.6	3.6	.6	.1	.2	.2											81	81	10	3
52/ 51		12.1	8.5	2.0	.2	.2	.1											231	231	89	29
50/ 49		21.2	9.8	1.5	.2	.3												247	247	175	99
48/ 47		.1	9.3	7.0	1.5	.1	.3											183	183	248	149
46/ 45		.2	6.0	3.1	.9	.1	.1											104	104	195	171
44/ 43		.1	4.0	1.3	.5	.2	.1											62	62	139	160
42/ 41		1.9	.7	.1														27	27	89	125
40/ 39		.1	.3															4	4	39	118
38/ 37			.2															2	2	3	57
36/ 35																					
34/ 33																					
32/ 31																					
30/ 29																					
28/ 27																					
26/ 25																					
24/ 23																					
22/ 21																					
16/ 15																					
TOTAL	.750	.735	.4	7.9	1.5	1.8	.9	.8	.3									1003	1003	1003	1003

Element (X)	2 X'	2 X	X	°A	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	6618909	80568	80.3	12.117	1003	≤ 0 F	≤ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2060631	49533	49.4	3.798	1003			3			93
Wet Bulb	2175556	46576	46.4	3.563	1003						93
Dew Point	1906893	43411	43.3	5.269	1003		3.7				93

PSYCHROMETRIC SUMMARY

STATION 723900 VANDENBERG AFB CA 60-84 YEARS MONTH MAR

PAGE 1 HOURS (L. S. T.) ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86° 07																		1	1		
86° 05																		3	3		
86° 03																		2	2		
86° 79																		7	7		
78° 77																		14	14		
76° 75																		12	12		
76° 73																		20	20		
72° 71																		51	51		
70° 69																		63	63		
68° 67																		93	93		
66° 65																		177	177		5
64° 63																		300	300		1
62° 61																		480	480		3
60° 59																		668	668		16
58° 57																		1010	1010		64
56° 55																		1194	1194		160
54° 53																		1292	1292		282
52° 51																		1458	1458		617
50° 49																		1341	1341		1138
48° 47																		882	882		1378
46° 45																		586	586		1655
44° 43																		371	371		1328
42° 41																		255	255		1148
40° 39																		140	140		879
38° 37																		58	58		602
36° 35																		24	24		428
34° 33																		8	8		293
32° 31																		2	2		153
30° 29																					5 105
28° 27																					1 91
26° 25																					76
24° 23																					44
22° 21																					20
20° 19																					11
Element (X)	Σ X ²		Σ X		° X		No. Obs.		Mean No. of Hours with Temperature								Total				
Rel. Hum.									≥ 0 F		≥ 32 F		≥ 67 F		≥ 80 F		≥ 93 F				Total
Dry Bulb																					
Wet Bulb																					
Dew Point																					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION
723938

VANDENBERG AFB CA
STATION NAME

68-69

YZANS

WAP

PAGE 2

ALL HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAAC

PSYCHROMETRIC SUMMARY

723030 STATION VANDENBERG AFB CA 64-73.82-83 YEARS MONTH APR

PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (P)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
70/ 69									.1									1	1								
60/ 57								.2										2	2								
60/ 55								.2	.1									3	3								
60/ 53								.1	.1									2	2								
60/ 50								.2	.2	.1								5	5								
50/ 57					.2	.6	.2	.1										10	10								
50/ 55			.1	.6	.2	.4		.1										15	15								
50/ 53		2.2	1.9	.4	.4													45	45		1						
50/ 51	.1	8.3	4.2	1.9	.6													135	135	32	17						
50/ 49	.3	34.6	5.0	1.7		.1												199	199	139	52						
40/ 53	.1	15.6	5.4	2.6	1.0	.1												230	230	210	138						
40/ 48	.4	9.4	2.2	.3	.1													113	113	198	197						
40/ 43	.2	6.6	1.1	.4														76	76	149	168						
40/ 41	.4	3.4	1.2	.6														51	51	103	119						
40/ 39	.1	.8	.2															10	10	40	107						
30/ 57		.6	.1															6	6	20	61						
30/ 55			.1															1	1	7	36						
30/ 53																				2	25						
30/ 51																					12						
30/ 49																					10						
20/ 57																					5						
20/ 55																					4						
20/ 53																					2						
TOTAL	3.061	0.22	0	8.0	2.6	1.0	.6	1.0	.3									904	904	904	904						
Element (X)	2X'	2X		X		°a		No. Obs.		Mean No. of Hours with Temperature							Total										
Ref. Hum.	6242135	74225		82.112.790		904		≥ 0 F							≥ 32 F		≥ 67 F		≥ 80 F		≥ 93 F		Total				
Dry Bulb	2115077	93879		48.2 3.975		904									3											90	
Wet Bulb	1885194	41168		45.5 3.395		904																				90	
Dew Point	1566518	38568		42.7 4.930		904									3.3											92	

Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	6242135	74225	82.112	790	904	≥ 0 F	≥ 32 F	≥ 47 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2115077	93579	98.2	3.975	904			3			90
Wet Bulb	1885194	41168	95.5	3.395	904						90
Dew Point	1566518	38568	92.7	4.930	904		3.3				90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/WSG

PSYCHROMETRIC SUMMARY

STATION 123720 NAME HANNAHRS AFB CA STATION NAME 64-73.82-83 YEARS MONTH APR

PAGE 1 010000-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69									.2									2	2	2	
66/ 63									.2									5	5	5	
60/ 63											.1							1	1	1	
62/ 61																		1	1	1	
60/ 59					.1						.1							1	1	1	
58/ 57												.1						1	1	1	
50/ 48			.3	.4	.9	.4	.1	.1	.2									22	22	22	
50/ 53		.5	1.7	.3	.3	.3	.1	.1										31	31	31	5
52/ 58	.1	6.4	3.1	1.0	.4	.1												101	101	28	4
50/ 49	.4	2.2	4.8	1.6	.1	.1												202	202	98	37
48/ 47	.6	14.4	4.3	1.6	.6													197	197	219	130
48/ 48	1.3	8.9	3.2	1.2	.6													137	137	199	168
44/ 43	.2	6.4	1.4	.6	.1													79	79	132	134
42/ 41	.2	4.9	2.1	.4	.1													70	70	92	119
40/ 39	.7	2.4	.6	.1														34	34	81	104
38/ 37	.1	.6	.7															12	12	38	78
36/ 35		.6	.1															6	6	17	42
30/ 33																				6	29
32/ 31																					21
30/ 29																					20
28/ 27																					6
26/ 25																					5
24/ 23																					5
TOTAL	3.961	122.3	7.2	3.2	.7	.4	.8	.4										902	902	902	902
Element (X)	2X ¹	2X	Y	Y ²	No. Obs.	Mean No. of Hours with Temperature												902	902	902	902
Rel. Hum.	9243953	74163	82.212	.805	902	° F												902	902	902	902
Dry Bulb	2040642	42728	87.4	4.293	902	° F												902	902	902	902
Wet Bulb	1819378	40372	44.8	3.783	902	° F												902	902	902	902
Dew Point	1507421	37787	41.9	5.207	902	° F												902	902	902	902

Element (X)	Z _X	Y	X	No. Obs.	Mean No. of Hours with Temperature				Total
Rel. Hum.	9245453	74163	82.212	805	902	≥ 80 F	≥ 73 F	≥ 67 F	≥ 93 F
Dry Bulb	2040642	42720	67.4	6.293	902			2	90
Wet Bulb	1819978	40372	44.8	3.783	902				90
Dew Point	1507421	37787	41.9	5.207	902			5.7	90

GLOBAL CLIMATOLOGY BRANCH
USAF/AFM
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

722000 VANDENBERG AFB CA
STATION NAME

69-84

YEARS

APR
MONTH

PAGE 1 RANGE-0000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
70.0-74									.1										1	1		
70.0-76											.1								1	1		
72.0-74																			1	1		
70.0-69									.2										5	5		
68.0-67									.2										7	7		
66.0-65									.2										9	9		
64.0-63									.1										11	11		
62.0-61									.2										13	13		
60.0-59									.1										34	34	1	
58.0-57									.2										99	99		
56.0-55									.1										108	108	2	
54.0-53									.1										149	149	9	
52.0-51									.1										224	224	34	
50.0-49									.1										276	276	111	
48.0-47									.3										193	193	380	
46.0-45									.6										108	108	224	
44.0-43									.2										59	59	208	
42.0-41									.1										92	92	91	
40.0-39									.1										22	22	125	
38.0-37									.2										8	8	16	
36.0-35									.2										2	2	14	
34.0-33																					22	
32.0-31																					25	
30.0-29																					12	
28.0-27																					5	
26.0-25																					1	
24.0-23																					4	
TOTAL	4.539	7.28	11.3	7.7	3.3	1.4	.9	.6											1319	1319	1319	
																			1319		1319	
																				</		

Element (X)	2 X'	2 X	X	X'	No. Obs.	Mean No. of Hours with Temperature				Total
Rel. Hum.	8222696	102298	77.614	801	1319	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Dry Bulb	3404624	66656	50.5	5.237	1319		1.0			90
Wet Bulb	2927626	61924	46.9	3.938	1319					90
Dew Point	2500466	57044	43.2	5.034	1319	3.2				90

GLOBAL CLIMATOLOGY BRANCH
USAF/AFM
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723000 STATION NAME: WANDENBERG AFB CA 64-84 MONTH: APR 12000-12000 HOURS (L. S. T.)

PAGE 1 12000-12000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 09																		1	1		
80/ 08																		1	1		
70/ 03																		2	2		
60/ 01																		2	2		
50/ 00																		8	8		
40/ 00																		5	5		
30/ 00																		7	7		
20/ 00																		20	20		
10/ 00																		13	13		
00/ 00																		27	27		
90/ 00																		43	43		
80/ 00																		78	78		
70/ 00																		117	117		
60/ 00																		207	207		
50/ 00																		266	266		
40/ 00																		333	333		
30/ 00																		300	300		
20/ 00																		128	128		
10/ 00																		72	72		
00/ 00																		20	20		
90/ 00																		10	10		
80/ 00																		68	68		
70/ 00																		226	226		
60/ 00																		188	188		
50/ 00																		89	89		
40/ 00																		53	53		
30/ 00																		31	31		
20/ 00																		19	19		
10/ 00																		6	6		
00/ 00																		2	2		
TOTAL	2	3	2	14	33	125	613	6	1	0	5	4	1	1	1	1	1	1666	1666	1666	1666

Element (X)	2 X'	2 X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total
						≥ 73 F	≥ 80 F	≥ 93 F			
Rel. Hum.	8790553	100189	62.5	12.896	1666						
Dry Bulb	5878079	98573	59.2	5.390	1666	7.1	2.6	.8		90	
Wet Bulb	9860389	86973	52.2	3.965	1666	2.1				90	
Dew Point	3522218	76212	45.7	9.654	1666	.5				90	

Mean No. of Hours with Temperature

No. Obs.

°F

°F

°F

°F

°F

°F

°F

°F

°F

°F

°F

°F

°F

Total

Total

Total

Total

Total

Total

Total

Total

Total

Total

Total

Total

Total

Total

Total

Total

Total

Total

Total

Total

Total

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 723700 VANDENBERG AFB CA STATION NAME 64-84 YEARS MONTH APR

PAGE 1 1500-01700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (P)											TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 77									.1	.1	.1										
70/ 75									.2	.1	.2	.1									
70/ 73									.1	.2	.1										
70/ 71									.1	.2	.1										
70/ 69									.1	.2	.1										
68/ 67									.1	.2	.1										
68/ 65									.1	.2	.1										
65/ 63									.1	.2	.1										
62/ 61									.1	.2	.1										
60/ 59									.1	.2	.1										
58/ 57									.1	.2	.1										
56/ 55									.1	.2	.1										
50/ 53									.1	.2	.1										
50/ 51									.1	.2	.1										
50/ 49									.1	.2	.1										
50/ 47									.1	.2	.1										
50/ 45									.1	.2	.1										
50/ 43									.1	.2	.1										
50/ 41									.1	.2	.1										
50/ 39									.1	.2	.1										
50/ 37									.1	.2	.1										
50/ 35									.1	.2	.1										
50/ 33									.1	.2	.1										
50/ 31									.1	.2	.1										
50/ 29									.1	.2	.1										
TOTAL	.1	5.124	7.37	11.9	2	7.4	2.0	1.0	.8	.4	.2							1638	1638	1638	1638

Element (X)	2 X	X	°	No. Obs.	Mean No. of Hours with Temperature					TOTAL	
Ref. Hum.	7828076	109368	66.811	762	1638	1638	1638	1638	1638	1638	1638
Dry Bulb	9306100	93326	56.9	9.923	1639	1639	1639	1639	1639	1639	1639
Wet Bulb	4291052	83684	51.1	3.137	1638	1638	1638	1638	1638	1638	1638
Dew Point	3428365	74619	45.6	4.216	1638	1638	1638	1638	1638	1638	1638

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/WAC

PSYCHROMETRIC SUMMARY

723000 VANDENBERG AFB CA
STATION NAME

64-74.7B-79.83-84 YEARS

APR
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 00									.1									1	1		
68/ 00									.1									1	1		
64/ 03									.1									1	1		
62/ 01								.1	.2	.1								1	1		
60/ 00				.2	.1	.6	.2											1	1		
58/ 07			1.1	.1	.3	.2	.1	.1										1	1		
56/ 08		.2	.9	.2	.6	.3												2	2		
50/ 33		3.4	3.1	1.0	.1													7	7	2	2
52/ 00		9.2	8.3	.6	.5													18	18	5	5
50/ 00		9.1	10.9	3.3	.7													32	32	10	10
00/ 07		213.1	5.0	2.1	.4	.1												20	20	29	29
06/ 08		2	5.0	1.3	.6													7	7	19	19
00/ 03		3.0	.3	.1														3	3	12	12
02/ 08		.2	.8	.2														1	1	1	1
00/ 39		.1																1	1	1	1
30/ 37			.1															1	1	1	1
36/ 38																					26
34/ 33																					9
32/ 31																					0
30/ 29																					4
28/ 27																					3
26/ 25																					1
TOTAL	1.458	431.5	8.3	3.0	1.3	.7	.3	.1										96	96	96	96

Element (X)	2x'	2x	X	e _a	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	6887013	78947	81.5	1.1	363	969	± 0 F	± 32 F	± 67 F	± 93 F	± 80 F	Total
Dry Bulb	2001073	48127	99.7	3.3	35	969						90
Wet Bulb	2130332	45392	46.8	2.8	71	969						90
Dew Point	1892070	42626	44.0	4.1	86	969		1.5				90

**GLOBAL CLIMATOLOGY BRANCH
USAP/NOAC
AIR SUPPORT SERVICE/MAC**

PSYCHROMETRIC SUMMARY

723900	STATION	VANTEMERS APR CA	STATION NAME	64-44	YEARS	APR	MONTH
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PAGE 2

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723990 STATION NAME: VANDENBERG AFB CA 64-74.82.84 YEARS MONTH: MAY

PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 63								.1	.2									3	3		
64/ 63				.2														2	2		
62/ 61				.1	.1	.1		.3										6	6		
60/ 59					.2													2	2		
58/ 57		.1	.1	.1														9	9	3	
56/ 55	.5	1.1	1.0	.4	.1													35	35	10	6
54/ 53	.6	1.5	2.0	.1														111	111	47	25
52/ 51	3.0	2.0	1.0	.1														266	266	128	94
50/ 49	1.0	2.0	9.4	.5														298	298	228	123
48/ 47	1.2	9.8	2.5	.1														128	128	388	215
46/ 45	.8	5.4	.3	.1														63	63	138	213
44/ 43	.1	1.0	.4															19	19	59	154
42/ 41		.2	.2															4	4	14	66
40/ 39																				7	29
38/ 37																					9
36/ 35																					6
34/ 33																					2
32/ 31																					3
30/ 29																					1
TOTAL	7.861	527.7	1.8	1.8	.4	.1	.4	.2										946	946	946	946

Element (X)	Zx'	Zx	Y	σ _y	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	7191529	81775	86.8	8.769	946	≥ 80 F	≥ 73 F	≥ 67 F	≥ 60 F	≥ 53 F	93
Dry Bulb	2403613	47599	50.3	3.020	946						93
Wet Bulb	2207233	45619	48.2	2.788	946						93
Dew Point	2243926	43936	46.3	3.659	946						93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723938 STATION NAME: VANDENBERG AFB CA 69-74.79.84 YEARS MONTH: MAY

PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb			
66/ 65									.2									2	2				
64/ 63							.1											1	1				
62/ 59			.1			.1	.1											4	4				
58/ 57			.4				.3											7	7				
56/ 53	.3	.6	.8															19	19	4	3		
54/ 53	1.5	5.7	2.4	.6	.1													98	98	40	21		
52/ 51	3.8	13.6	6.8	.4	.3													237	237	128	92		
50/ 48	2.4	20.0	9.4	.4	.1													296	296	190	114		
48/ 47	.7	13.1	1.9	.1														150	150	309	282		
46/ 48	.7	8.5	1.2															70	70	156	197		
44/ 43	.6	3.6	.5															45	45	78	151		
42/ 41	.8	.2																10	10	32	74		
40/ 39		.4	.1															5	5	6	46		
38/ 37																				6	16		
36/ 35																				1	10		
34/ 33																					9		
32/ 31																					4		
TOTAL	10-263	922	9	1-6	.6	.2	.4		.2									944	944	944	944		

Element (X)	Z _X	Z _X	X	X	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	7257083	82331	87.2	9.012	944	≤ 0 F	≤ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2337998	46888	49.7	3.106	944						93
Wet Bulb	2156552	45032	47.7	2.980	944						93
Dew Point	2705895	43361	45.9	3.978	944						93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

123930 VANDENBERG AFB CA
STATION NAME

64-84

YEARS

MAY

MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85														.1				1	1		
76/ 75											.1							2	2		
74/ 73											.1							6	6		
72/ 71											.1							1	1		
70/ 69					.1	.1	.1	.1	.2	.2								10	10		
68/ 67					.1	.1	.1	.1	.1		.1							5	5		
66/ 65				.1	.1	.1	.1	.1	.1	.1								13	13		
64/ 63			.1	.1	.1	.1	.1	.1										10	10		
62/ 61		.1	.1	.1	.1	.1	.1											28	28		
60/ 59		.1	.1	.1	.1	.1	.1	.1										45	45		10
58/ 57		.1	.1	.1	.1	.1	.1											79	79		4
56/ 55	.1	.1	.1	.1	.1	.1	.1											165	165	61	18
54/ 53	1.1	6.3	9.3	2.5	.3	.3												301	301	142	72
52/ 51	2.0	11.0	1.2	.3	.3													919	919	278	162
50/ 49	1.3	12.0	5.4	.7	.2	.2												298	298	423	225
48/ 47	.6	4.6	.6	.2														94	94	423	355
46/ 45	.1	1.1	.6															31	31	100	330
44/ 43	.4	.4	.1															11	11	16	204
42/ 41		.1	.2															5	5	14	71
40/ 39		.1																1	1	3	30
38/ 37																				3	25
36/ 35																					16
34/ 33																					8
32/ 31																					2
30/ 29																					1
TOTAL	6.4	40.0	35.5	11.4	3.0	1.4	.5	.6	.5	.1	.1			.1				1523	1523	1523	1523

Element (X)	Z _X '	Z _X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
Ref. Hum.	10130166	123990	81.4	12.856	1523	≤ 0 F	≤ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb	9257652	80252	52.7	9.386	1523			1.5	.5	.1	93	
Wet Bulb	3763992	75560	49.6	3.114	1523						93	
Dew Point	3362318	71317	46.8	3.869	1523			.2			93	

Mean No. of Hours with Temperature

No. Obs.

Element (X)

Rel. Hum.	2x1	X	%	≥ 32 F	≥ 27 F	≥ 23 F	≥ 19 F	Total
10130166	121990	81.4	12.4	1523				
4257652	80252	52.7	4.3	1523	1.5			93
3703492	75560	49.6	3.1	1523				93
3362319	71317	46.8	3.0	1523				93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72390 STATION NAME VANDENBERG AFB CA 64-84 YEARS MONTH MAY

PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91																.1		1	1		
90/ 89																.1		2	2		
88/ 87											.1							1	1		
86/ 85											.1							1	1		
84/ 83									.1	.1	.1							4	4		
82/ 81									.1	.1	.1							2	2		
80/ 79									.1	.1	.1	.1						4	4		
78/ 77								.2	.2	.1	.1							8	8		
76/ 75							.2	.2	.1	.2	.1						14	14			
74/ 73							.1	.2	.1	.1	.1						7	7			
72/ 71						.1	.1	.2	.1	.1							9	9			
70/ 69					.1	.1	.2	.1	.1	.1							13	13		1	
68/ 67					.1	.4	.6	.4	.1								27	27		2	
66/ 65					.1	.4	1.2	.9	.2								46	47		4	
64/ 63					.4	1.6	2.4	.8	.1								90	90		10	
62/ 61		.1	.8	3.9	2.8	1.3	.2	.1									148	148		23	
60/ 59	.1	.4	3.4	7.0	3.4	1.6	.1										276	270		40	
58/ 57	.1	1.6	5.8	7.0	4.4	.4	.1										335	335		110	
56/ 55	.5	3.0	6.4	8.1	1.9	.1											349	349		269	
54/ 53	.3	3.7	5.8	2.7	.2	.5											223	223		163	
52/ 51	.4	3.3	2.8	.3	.2												117	117		424	
50/ 49	.1	.8	.5	.1													26	26		397	
48/ 47																	2	2		91	
46/ 45																				14	
44/ 43																				7	
42/ 41																				174	
40/ 39																				90	
38/ 37																				20	
36/ 35																				13	
34/ 33																				10	
32/ 31																				6	
TOTAL	1-513-625-631-216-6	6.7	1.5	1.1	.6	.7	.4	.1								.1		1699	1700	1699	1699

Element (X)	2X ²	2X	X	X ²	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	8730972	119610	70.4	4913.520	1699	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	5760021	98759	58.1	5.246	1700			5.1	2.4	.8		93
Wet Bulb	4739827	89561	52.7	3.320	1699			.2				93
Dew Point	3937387	81493	48.0	4.101	1699		.2					93

Element (X)	2X'	2X	Y	X'	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	8730972	119610	70.4	13.520	1699	≥ 0 F	≥ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	8784021	90759	58.1	5.246	1700			5.1	2.4	.8	93
Wet Bulb	8739827	89561	52.7	3.320	1699			.2			93
Dew Point	3937387	81493	48.0	4.101	1699		.2				93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 VANDENBERG AFB CA
STATION NAME

64-84

YEARS

MAY

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 07																					
80/ 03																					
82/ 02																					
80/ 09																					
70/ 07																					
70/ 03																					
70/ 03																					
72/ 06																					
70/ 06																					
60/ 07																					
60/ 03																					
60/ 03																					
62/ 01																					
60/ 09																					
50/ 07																					
50/ 03																					
52/ 01																					
50/ 09																					
40/ 07																					
40/ 03																					
42/ 02																					
40/ 09																					
30/ 07																					
30/ 03																					
30/ 03																					
TOTAL	.1	5.120	.135	.127	.7	7.2	2.2	.8	.7	.4	.4	.2	.1	.1	.1	.1	.1	1691	1692	1691	1691

Element (X)	2 X'	2 X	X	X'	No. Obs.	Mean No. of Hours with Temperature					Total
Ref. Num.	7111055	112699	66.6	11.057	1691	≥ 0 F	≥ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F
Dry Bulb	6090080	101230	59.8	9.960	1692			5.8	2.5	.6	93
Wet Bulb	9087793	90779	53.7	2.929	1691			.1			93
Dew Point	3968847	81683	48.3	3.704	1691						0

Element (X)	2x'	2x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature				Total
Rel. Hum.	7111055	112695	66.6	11.057	1691	≤ 0 F	≤ 32 F	≥ 47 F	≥ 93 F	Total
Dry Bulb	6090080	101230	59.8	9.960	1692			5.8	2.5	93
Wet Bulb	9087793	90779	53.7	2.924	1691			.1		93
Dew Point	3960047	81663	48.3	3.704	1691					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AMC

PSYCHROMETRIC SUMMARY

STATION 723939 VANDENBERG AFB CA
STATION NAME

64-89

YEARS

MAY
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
82.0-86														.3								
80.0-82																						
78.0-80													.1									
76.0-78													.2									
74.0-76													.1									
72.0-74													.1									
70.0-72													.1									
68.0-70													.1									
66.0-68													.1									
64.0-66													.1									
62.0-64													.1									
60.0-62													.1									
58.0-60													.1									
56.0-58													.1									
54.0-56													.1									
52.0-54													.1									
50.0-52													.1									
48.0-50													.1									
46.0-48													.1									
44.0-46													.1									
42.0-44													.1									
40.0-42													.1									
38.0-40													.1									
36.0-38													.1									
34.0-36													.1									
TOTAL																						

Element (X)	2x1	2x	X	°x	No. Obs.	Mean No. of Hours with Temperature				Total
Rel. Hum.	7420125	105476	69.9	10.880	1523	≥ 32 F	≥ 27 F	≥ 22 F	≥ 17 F	
Dry Bulb	5150604	88396	90.0	9.277	1523	≥ 32 F	≥ 27 F	≥ 22 F	≥ 17 F	
Wet Bulb	4239710	80240	52.7	2.834	1523	≥ 32 F	≥ 27 F	≥ 22 F	≥ 17 F	
Dew Point	3516487	72989	47.9	3.489	1523	≥ 32 F	≥ 27 F	≥ 22 F	≥ 17 F	

PSYCHROMETRIC SUMMARY

STATION 72021
STATION 72022

69-75,78-79,81,83-84 YEARS

MONTH

PAGE 1 ~~1000-2000~~
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MSC

PSYCHROMETRIC SUMMARY

122920 VANDENBERG AFB CA 64-74.79.84 1964 MAY
STATION NAME YEAR MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb		
60/ 67									.1									1	1	1		
60/ 65								.1										1	1	1		
60/ 63								.2	.1									3	3	3		
62/ 61				.1				.1										2	2	2		
60/ 59			.2	.3	.2													7	7	7		
58/ 57		.3	1.3	.1	.1													18	18	18	2	
50/ 56	.2	3.5	2.2	.3														62	62	62	9	
50/ 53	1.0	6.8	6.0	.5														189	189	181	32	
52/ 51	2.0	6.6	3.6	.4	.3													359	359	184	123	
50/ 49	.0	1.9	1.0	.3	.3													279	279	296	149	
40/ 42	.0	3.8	2.8															79	79	321	257	
40/ 40		1.4	.3															17	17	93	229	
40/ 43	.1	.2	.1															6	6	36	135	
42/ 41																				1	47	
40/ 39																				1	27	
30/ 37																					6	
30/ 35																					3	
30/ 33																					2	
32/ 31																					2	
TOTAL	5.049	201.6	2.4	.6				.4	.2									1006	1006	1006	1006	

Element (X)	Σ X'		Σ X		σ _x		No. Obs.		Mean No. of Hours with Temperature					Total	
	Ref. Num.								≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 93 F		
Dry Bulb	7110953	55363	89.9	8.672			1006								93
Wet Bulb	2663030	51896	51.4	2.582			1006				.1				93
Dew Point	2021168	49290	49.0	2.475			1006								93
	2223793	47173	46.9	3.423			1006		.2						93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 VANDENBERG AFB CA
STATION NAME

69-84

YEARS

MAY

PAGE 1

000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92.0																		1	1		
90.0																		2	2		
88.0																		2	2		
86.0																		2	2		
84.0																		8	8		
82.0																		18	18		
80.0																		15	15		
78.0																		20	20		
76.0																		33	33		
74.0																		36	36		
72.0																		29	29		
70.0																		59	59		
68.0																		83	83		
66.0																		152	152		
64.0																		313	313		
62.0																		589	589		
60.0																		1024	1024		
58.0																		1303	1303		
56.0																		1368	1368		
54.0																		1493	1493		
52.0																		1783	1783		
50.0																		1309	1309		
48.0																		462	462		
46.0																		181	181		
44.0																		81	81		
42.0																		19	19		
40.0																		6	6		
38.0																					
36.0																					
34.0																					
32.0																					
30.0																					
TOTAL	3.129	331.0	19.0	10.5	3.1	0.9	0.7	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10386	10386	10386	10386
Element (X)	2 X ¹	2 X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Mean No. of Hours with Temperature	10386	10386	10386
Ref. Num.	63016223	796860	76.3	13.996	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386
Dry Bulb	31719385	573169	63.0	9.502	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386
Wet Bulb	27080904	529004	50.9	3.613	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386
Dew Point	23032234	491748	47.3	3.792	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386	10386

USAFETAC

FORM 0-26-5 (OL A)

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MSC

PSYCHROMETRIC SUMMARY

STATION 123000 VANDENBERG AFB CA

69-73.81

YEARS

MONTH

PAGE 1 000000Z000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
600-00							.1	.1										2	2		
600-01							.1	.1										1	1		
600-02							.2	.2										8	8	1	1
600-03							.2	.2										10	10	2	2
600-04							.1	.1										59	59	18	3
600-05							.1	.1										25	25	98	28
600-06							.2	.2										207	207	134	83
600-07							.2	.2										184	184	211	165
600-08							.2	.2										157	157	305	233
600-09							.2	.2										91	91	43	207
600-10							.2	.2										12	12	33	135
600-11							.2	.2										2	2	12	32
600-12																				10	3
TOTAL	7.369	6.21	.3	.8	.7	.2	.1											902	902	902	902

Element (X)	Zx'	Zx	X	°A	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	7.000	7.000	88.5	7.000	902	≥ 0 F	≥ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2.000	4.726	52.0	2.929	902			2			90
Wet Bulb	2.310	4.558	50.5	2.708	902						90
Dew Point	2.153	4.429	49.1	3.034	902						90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AWC

PSYCHROMETRIC SUMMARY

723930
STATION

VANDENBERG AFB CA
STATION NAME

69-73,79,83-84
YEARS

0000
MONTH

PAGE 1 0000-0000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
70/-03									.1									1	1	1	
72/-01								.1										1	1	1	
68/-05								.2										2	2	2	
64/-03						.1	.2											3	3	3	
62/-01				.1	.3	.1												4	4	4	
60/-00	.3	.7	.2	.1	.1	.1												11	11	11	3
58/-07		1.2	3.2	.3	.3													44	44	44	12
56/-06	.6	6.3	2.9	.3	.1													92	92	92	17
54/-03	1.1	12.6	5.1	.2														172	172	172	72
52/-01	3.9	11.5	5.4															279	279	279	170
50/-00	1.3	20.4	2.3															222	222	222	216
48/-07	.4	4.7	.2															99	99	99	239
46/-05		1.6																16	16	16	129
44/-03		1.1																10	10	10	46
42/-01																					
40/-39																					
TOTAL	0-669	0-019	0-4	1-0	0-7	0-3	0-2	0-1	0-1									908	908	908	908
															</						

Element (X)	2x'	2x	X	°a	No. Obs.	Mean No. of Hours with Temperature					TOTAL	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7209635	80817	89-0	7-891	908							
Dry Bulb	2460450	47176	52-0	3-215	908			2				90
Wet Bulb	2291343	45543	50-2	2-782	908							90
Dew Point	2170481	44307	48-8	3-355	908							90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723000 STATION VANDENBERG AFB CA 64-84 YEARS MONTH JAN

PAGE 1 0000-0000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
90/ 89																		1	1			
88/ 88																		1	1			
86/ 83																		3	3			
82/ 81																		2	2			
80/ 79																		3	3			
78/ 77																		2	2			
76/ 73																		3	3			
74/ 71																		4	4			
72/ 71																		4	4			
70/ 69																		6	6			
68/ 67																		7	7			
66/ 65																		13	13			
64/ 63																		13	13			
62/ 61																		50	50			
60/ 59																		106	106			
58/ 57																		158	158			
56/ 55																		270	270			
54/ 53																		348	348			
52/ 51																		294	294			
50/ 49																		139	139			
48/ 47																		12	12			
46/ 45																		4	4			
44/ 43																						
42/ 41																						
40/ 39																						
38/ 37																						
36/ 35																						
TOTAL	6.647	7.29	11.6	2.1	2.1	0.3	0.9	0.3	0.3	0.1	0.2	0.1	0.1	0.1	0.1	0.1	1447	1447	1447	1447		
Element (X)	2x'	2x	x	e	Mean No. of Hours with Temperature													TOTAL				
Ref. Num.	10349121	121145	83.711	955	1447													Total				
Dry Bulb	4398668	79460	54.9	4.689	1447													90				
Wet Bulb	3937482	75352	52.1	3.062	1447													90				
Dew Point	3502277	72043	49.8	3.265	1447													90				

Element (X)	2x1	2x	X	%	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	10349121	121145	83.711	955	1447	± 0 F	± 32 F	± 67 F	± 73 F	± 93 F	Total
Dry Bulb	4398668	79068	54.9	0.689	1447			2.2	1.2	.6	90
Wet Bulb	3937482	75352	52.1	3.062	1447			.1			90
Dew Point	3502277	72043	49.8	3.265	1447						90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

123030 VANDENBERG AFB CA

68-84

STATION NAME

YEARS

MM

MONTH

PAGE 1 0700-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Wet Bulb	Dew Point
90.0-93													.1	.1	.1	.1	.1	3	3	
92.0-91													.1	.1	.1	.1	.1	5	5	
90.0-89												.1	.1	.1	.1	.1	.1	2	2	
88.0-87												.1	.1	.1	.1	.1	.1	2	2	
86.0-85												.1	.1	.1	.1	.1	.1	2	2	
84.0-83									.1	.1	.1	.1	.1	.1	.1	.1	.1	3	3	
82.0-81									.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2	
80.0-79									.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2	
78.0-77									.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2	
76.0-75									.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2	
74.0-73									.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2	
72.0-71									.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2	
70.0-69									.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2	
68.0-67									.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2	
66.0-65									.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2	
64.0-63									.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2	
62.0-61									.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2	
60.0-59									.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2	
58.0-57									.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2	
56.0-55									.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2	
54.0-53									.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2	
52.0-51									.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2	
50.0-49									.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2	
48.0-47									.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2	
46.0-45									.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2	
44.0-43									.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2	
42.0-41									.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2	
40.0-39									.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2	
38.0-37									.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2	
36.0-35									.1	.1	.1	.1	.1	.1	.1	.1	.1	2	2	
TOTAL																		1658	1658	1658

Element (X)	Zx'	Zx	X	X'	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	8874056	120172	72.5	12.670	1658	± 32 F	± 30 F	± 27 F	± 23 F	± 19 F	
Dry Bulb	6052096	99768	60.2	5.943	1658	7.6	2.6	1.2			90
Wet Bulb	5048980	91262	55.0	3.260	1658						90
Dew Point	4103087	84253	50.8	3.617	1658						90

PSYCHROMETRIC SUMMARY

64-84

STATION NAME

YEARS

ALPHA

PAGE 1 ~~1200-1400~~
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL			TOTAL		
																			D.B./W.B.			Dry Bulb Wet Bulb Dew Point		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31							
90F 00																	.1	2	2					
92F 01																	.1	1	1					
80F 07												.2	.1			.1		3	3					
80F 08												.1						2	2					
80F 03													.1					3	3					
82F 02											.1							2	2					
80F 19									.1	.1	.1						5	5						
80F 77						.1	.1	.1	.1	.1							5	5						
70F 78						.1	.4	.1									8	8						
70F 73						.1	.2										3	3						
72F 71						.3	.1	.1									13	13						
70F 69						.5	.5										32	32						
60F 67						.5	2.3	1.2	.4								86	86						
50F 65						.4	2.9	5.3	1.2	.4							168	168						
60F 63						.2	1.2	8.0	7.4	2.2							315	315						
62F 61	.1	.9	4.7	10.4	7.5	.7											403	403						
60F 59						1.3	5.2	11.5	2.3	.2							349	349						
50F 57						1.1	4.7	3.9	.8								175	175						
50F 55						.5	2.8	.5	.1								65	65						
50F 53						.2	.4										11	11						
52F 51						.1	.1										2	2						
50F 49																								
48F 47																								
46F 45																								
40F 43																								
42F 41																								
40F 39																								
38F 37																								
30F 33	.1	4.4	20.4	38.2	26.6	6.7	1.4	.8	.2	.3	.2	.3	.1	.1	.1	.1	1657	1657						
TOTAL																	1657	1657						

Element (X)	Zx'	Zx	X	s _x	Mean No. of Hours with Temperature						Total
					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	76330759	112692	68.0	10.2	296	1657					
Dry Bulb	6439685	103025	62.2	4.067		1657					
Wet Bulb	5228672	92964	56.1	2.806		1657					
Dew Point	4352079	84723	51.1	3.489		1657					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723900

VANDENBERG AFB CA

64-84

MIN
MONTH

STATION NAME

YEARS

PAGE 1 1968-1970
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
90/ 97																	.1	1	1			
90/ 99																		1	1			
90/ 97																		1	1			
90/ 98																		1	1			
90/ 93																		1	1			
92/ 91																		2	2			
90/ 99																		4	4			
70/ 77																		3	3			
76/ 78																		4	4			
70/ 73																		2	2			
72/ 71																		5	5			
70/ 69																		18	18			
60/ 67																		38	38			
66/ 65																		89	89			
64/ 63																		166	166			
62/ 61																		266	266			
60/ 59																		402	402			
50/ 57																		253	253			
56/ 55																		133	133			
50/ 53																		97	97			
52/ 51																		6	6			
50/ 49																		179	179			
40/ 47																		99	99			
46/ 45																		214	214			
40/ 43																		78	78			
42/ 41																		28	28			
40/ 39																		5	5			
TOTAL	.1	6.1	30.9	37.6	17.9	3.7	.6	.5	.2	.1	.2	.1	.1	.2	.1	.1	.1	1446	1446	1446		

Element (X)	Zx'	Zx	X	X'	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	7488121	102981	71.2	10.224	1446	≥ 0 F	≥ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	5316233	67439	60.5	4.309	1446			5.7	1.4	.7	90
Wet Bulb	4415235	79805	55.2	2.732	1446						90
Dew Point	3746765	73459	50.8	3.215	1446						90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 STATION NAME: VANDENBERG AFB CA 64-74.81-84 YEARS MONTH: JAN 1988-2000 HOURS (L. S. T.): 1000-2000

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		D.B./W.B.	MEAN NO. OF HOURS WITH TEMPERATURE												TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	≥ 67 F		≥ 73 F	≥ 80 F	≥ 93 F	Total										
80/ 83																	.1		1	1																
80/ 79																		1	1																	
70/ 69											.1							1	1																	
68/ 67			.1	.1	.1	.1												1	1																	
66/ 65				.5	.2	.1												1	1																	
64/ 63			.4	.4	.5													1	1																	
62/ 61		.3	1.3	1.6	.3	.3												35	35																	
60/ 59		1.2	6.6	3.1	.2	.3												114	114								5									
58/ 57		3.8	11.0	2.5	.2													176	176								8									
56/ 55		.2	10.6	13.9	2.5													274	274								52									
54/ 53		.2	11.9	14.1	.4													268	268								133									
52/ 51		.1	7.9	3.3														109	109								225									
50/ 49		.1	.1	.1														3	3								307									
48/ 47																											176									
46/ 45																											86									
44/ 43																											15									
TOTAL		.635	.450	.711	1.0	1.5	.5	.1		.1								1007	1007								1007									

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 VANDENBERG AFB CA STATION NAME 64-74.82-84 YEARS MONTH

PAGE 1 2100-0100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67							.1											1	1		
66/ 65						.1	.1											2	2		
64/ 63						.1												3	1		
62/ 61		.3	.6	.1	.1													13	13		
60/ 59		1.0	1.1	.4														25	25		3
58/ 57		3.3	5.1	.4														87	87		5
56/ 55	.5	9.1	7.6															166	166	80	35
54/ 53	1.9	19.0	8.6	.4														288	288	188	114
52/ 51	1.2	21.5	7.3															289	289	279	185
50/ 49	.6	6.2	1.9															89	89	276	308
48/ 47		.5	.2															7	7	113	175
46/ 45		.3																3	3	1	124
44/ 43																				2	15
42/ 41																					9
TOTAL	4.361	532.4	1.3	.3	.2													964	964	964	964

Element (X)	Σ X'	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		
Rel. Hum.	7317907	83741	66.9	6.719	964								
Dry Bulb	2763699	51551	53.5	2.687	964			.1					90
Wet Bulb	2545737	49479	51.3	2.525	964								90
Dew Point	2386555	47887	49.7	2.837	964								90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 VANDENBERG AFB CA

64-84

STATION NAME

YEARS

PAGE 1

044
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 97																		1	1		
90/ 93																		5	5		
92/ 91																		8	8		
90/ 89																		4	4		
88/ 87																		8	8		
86/ 85																		9	9		
84/ 83																		11	11		
82/ 81																		8	8		
80/ 79																		17	17		
78/ 77																		13	13		
76/ 75																		25	25		
74/ 73																		21	21		
72/ 71																		36	36		
70/ 69																		82	82		
68/ 67																		193	193		
66/ 65																		375	375		
64/ 63																		683	683		
62/ 61																		1896	1896		
60/ 59																		1329	1329		
58/ 57																		1256	1256		
56/ 55																		1336	1336		
54/ 53																		1850	1850		
52/ 51																		1326	1326		
50/ 49																		610	610		
48/ 47																		110	110		
46/ 45																		35	35		
44/ 43																		12	12		
42/ 41																					
40/ 39																					
38/ 37																					
36/ 35																					
34/ 33																					
TOTAL	3.033	0.20	0.19	0.10	0.3	2.4	0.7	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	9989	9989	9989	

Element (X)	2 X'	2 X	X	X'	No. Obs.	Mean No. of Hours with Temperature				Total
Ref. Hum.	61000914	783359	78.412	990	9989	± 0 F	± 32 F	± 67 F	± 93 F	Total
Dry Bulb	3308665	51917	51.3	5.619	9989			31.8	4.8	720
Wet Bulb	28573936	533060	53.4	3.559	9989			.7		723
Dew Point	25285808	501474	50.2	3.326	9989					720

Element (X)	2x'	2x	X	°x	No. Obs.	Mean No. of Hours with Temperature					Total
Ref. Hum.	61000014	783384	78.4	12.990	9989	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F
Dry Bulb	3808665	571917	57.3	5.614	9989			31.8	9.4	4.8	0.4
Wet Bulb	28973936	533068	53.4	3.559	9989			.7			
Dew Point	2528508	501474	50.2	3.326	9989						
											720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723000 VANDENBERG AFB CA

64-73

STATION NAME

YEARS

PAGE 1 0000-0000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
62.7 64		0.2	0.4		0.2													63	23	18	2
60.0 59		0.0	1.0	0.4														92	92	18	2
58.0 58		7.0	1.0	0.3														210	210	100	99
50.0 50	0.2	0.0	5.0															297	297	200	187
52.0 51	0.3	0.3	2.0															219	219	200	120
50.0 49	0.0	5.0	0.6															63	63	200	260
48.0 47		1.5																14	14	0	120
46.0 45		0.0																0	0	0	31
40.0 41																					0
42.0 43																					5
TOTAL	2.491	9.15	0.2	0.8	0.2													930	930	930	930

Element (X)	2 X ²	2 X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	7281051	82703	88.9	5.336	930	≤ 0 F	≥ 73 F	≥ 80 F	≥ 93 F		Total
Dry Bulb	2000300	69994	53.7	2.510	930						93
Wet Bulb	2310746	46272	51.9	2.359	930						93
Dew Point	2356010	47052	50.6	2.429	930						93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723000 VANDENBERG AFB CA 64-73.81.83 0000 MONTH

PAGE 1 0000-0000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
62/-01		.2	.1															3	3	3	2	
60/-00		.5	1.0															18	18	18	3	
58/-01		5.0	1.0															72	72	72	3	
56/-03		15.0	0.1	.1														172	172	172	90	
54/-03		0.0	1.7															264	264	264	186	
52/-04		0.0	1.2															268	268	268	276	
50/-06		0.0	.4															189	189	189	318	
48/-07		.1	2.4															23	23	23	135	
46/-08		1.4																13	13	13	36	
44/-03																					8	
42/-03	2.300	910.7	.1															933	933	933	7	
TOTAL																		933		933	933	

Element (X)	2 X	X	X	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	73.7227	80.017	90.2	9.709	= 80 F	= 73 F	= 67 F	= 59 F	= 53 F	
Dry Bulb	263.819	99.91	53.0	2.635						93
Wet Bulb	247.3012	47.984	51.4	2.452						93
Dew Point	236.5378	46.926	50.3	2.472						93

GLOBAL CLIMATOLOGY BRANCH
USAF/AFM
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

720000 HANSENBERG AFB TX
STATION NAME

69-84

YEARS

PAGE 1 000000-1-100
HOURS (L. T. U.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
000-09											.1							1	2		
010-09											.1							2	3		
020-09										.1	.2	.3	.1					12	12		
030-09										.1	.2	.5	.2					19	19		
040-09			.2							.6	1.0	.3						39	39		
050-09				.2						.5	1.0	.6	.1					58	58		
060-09					.2					1.1	2.0	1.0						89	89		
070-09						.1				3.0	5.0	.3						148	148		5
080-09						.6	1.7	6.7	2.6	.3								190	190		3
090-09						1.1	6.3	7.6	1.1	.1								269	269		12
100-09						2.1	9.8	3.2	.2									264	264		05
110-09						6.1	9.3	.8										287	287		121
120-09						7.1	3.5											183	183		268
130-09						2.1	1.0											105	105		079
140-09																		27	27		069
150-09																		5	5		208
160-09																					8
170-09																					7
180-09																					
190-09																					
200-09																					
210-09																					
220-09																					
230-09																					
240-09																					
250-09																					
260-09																					
270-09																					
280-09																					
290-09																					
300-09																					
310-09																					
320-09																					
330-09																					
340-09																					
350-09																					
360-09																					
370-09																					
380-09																					
390-09																					
400-09																					
410-09																					
420-09																					
430-09																					
TOTAL																					
																		</			

Element (X)	2X'	2X	X	X'	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	9872262	126850	76.2	10.903	1665	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Dry Bulb	6212593	101309	60.9	9.962	1665			12.1	2.0		93
Wet Bulb	5328639	99098	56.5	3.130	1665						93
Dew Point	4707986	88414	53.1	2.803	1665						93

PSYCHROMETRIC SUMMARY

723000
STATION

STATION 1
VANDERBILT AFB CA

64-74,79,81-83

YEARS

MONTH

PAGE 1

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 122070 VANDENBERG AFB CA STATION NAME 68-79.83 YEARS MONTH

PAGE 1 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
60-65							.2											2	2		
65-70																		1	1		
70-75																		15	15		1
75-80																		9	9		5
80-85																		150	150		10
85-90																		280	280		73
90-95																		313	313		187
95-100																		139	139		181
TOTAL	1.070	0.22.2	1.5	.1	.2													996	996	996	996

Element (X)	2 X'	2 X	X	c _a	No. Obs.	Mean No. of Hours with Temperature																	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Rel. Hum.	7670583	87227	87.6	5.617	996																		
Dry Bulb	300090	56626	56.8	2.477	996																		93
Wet Bulb	2782859	52601	52.8	2.215	996																		93
Dew Point	2623520	51086	51.3	2.299	996																		93

Element (X)	2x'	2x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	70.0	87.27	87.6	5.617	996	≤ 60 F	≤ 73 F	≤ 80 F	≤ 93 F		
Dry Bulb	30.0	50.26	50.8	2.078	996						93
Wet Bulb	20.0	52.01	52.8	2.215	996						93
Dew Point	26.25	51.086	51.3	2.299	996						93

PSYCHROMETRIC SUMMARY

68-10

YEARS

PAGE 1

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
																				D.B./W.B.			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point			
80/ 03																		2	2				
80/ 70																		5	5				
78/ 70																		12	12				
76/ 70																		33	33				
76/ 73																		55	55				
72/ 71																		104	104				
70/ 66																		194	194				
68/ 67																		321	321				
68/ 68																		639	642				
64/ 63																		876	876				
62/ 66																		1057	1057				
60/ 69																		1346	1346				
58/ 67																		1319	1319				
56/ 58																		1838	1838				
50/ 53																		1546	1546				
52/ 51																		930	930				
50/ 49																		281	281				
48/ 42																		42	42				
46/ 45																		17	17				
44/ 43																							
42/ 41																							
40/ 39																							
TOTAL	1-842-325-418-6	8-6	2-4	.7	.3	.1	.0											10120	10132	10120			
Element (X)	Z X'	Z X	X	X'	No. Obs.					Mean No. of Hours with Temperature					Total								
Ref. Hum.	60700025	810072	80.4	11.193	10128																		
Dry Bulb	30720197	590077	50.3	5.319	10132					7.9					799								
Wet Bulb	30699426	550036	50.0	3.072	10126					1.0					799								
Dew Point	27525345	527239	52.1	2.705	10125					.2					780								

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR SUPPORT SERVICE/MAC

PSYCHROMETRIC SUMMARY

723000 STATION NAME: HANSENBERG AFB CA
69-73.78.81.84 YEARS
723000 MONTH: JAN

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
60-65							.1											1	1			
65-70		.8	.9															12	12			
70-75		9.0	1.0	.2	.1													60	60	12	6	
75-80		20.0	2.0															150	150	60	25	
80-85		30.0	3.0	.1														300	300	100	97	
85-90		40.0	4.0															260	260	100	283	
90-95		50.0	5.0															97	97	200	320	
95-100		60.0	6.0	.1														10	10	60	160	
TOTAL		1.0	.1															3	3	10	30	
																				1	1	

Element (X)	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	70.7780	89.5	5.243	955	≤ 0 F	≤ 32 F	≤ 67 F	≤ 93 F		
Dry Bulb	2900730	53.1	2.301	958						91
Wet Bulb	2720710	53.3	2.203	955						93
Dew Point	2597756	52.1	2.388	955						93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723000 VANDENBERG AFB CA
STATION NAME

60-73,70,01-02,00

YEARS

AUG
MONTH

PAGE 1 03000-0600
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	TOTAL	
000-03						.2												2	2				
030-06		.5																4	4				
060-09		1.0	1.0	.5														42	42	10	5		
090-12		2.0	2.0															96	96	19	19		
120-15		3.0	3.0	.2														300	300	100	00		
150-18		4.0	4.0															336	336	100	00		
180-21		5.0	5.0															831	831	300	351		
210-24		6.0	6.0															27	27	80	101		
240-27		7.0	7.0															6	6	10	05		
270-30		8.0	8.0																				
300-03		9.0	9.0	.6	.2													953	956	956	953		
TOTAL		2.00700	9.02	.6	.2																		

Element (X)	Zx'	Zx	X	X'	No. Obs.	Mean No. of Hours with Temperature					Total
						± 0 F	± 32 F	± 67 F	± 80 F	± 93 F	
Rel. Hum.	7030000	86292	90.5	5.812	953						
Dry Bulb	2000000	52106	50.5	2.808	956						93
Wet Bulb	2672305	50423	52.9	2.168	953						93
Dew Point	2560060	49425	51.9	2.349	953						93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

720000 VANDENBERG AFB CA 64-84 MONTH
STATION NAME YEARS

PAGE 1 0000-0000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		Wet Bulb	Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb				
82° 03																		1	1				
76° 08																		2	2				
70° 53																		3	3				
72° 01																		3	3				
70° 09																		5	5				
68° 07																		10	10				
68° 05																		24	24				
64° 03																		33	33				
62° 01																		71	71				
60° 09																		197	150				
58° 07																		269	269				
58° 05																		402	402				
54° 03																		380	380				
52° 01																		120	120				
50° 09																		15	15				
48° 07																		1	1				
46° 05																							
46° 03																							
42° 01																							
TOTAL	3.073	126.4	5.7	.9	.5	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1490	1490	1490			

Element (X)	Mean No. of Hours with Temperature										TOTAL		TOTAL		Wet Bulb Dew Point
	2 X'	2 X	X	X'	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 80 F	≥ 93 F	≥ 93 F	≥ 93 F	≥ 93 F	≥ 93 F	≥ 93 F
Rel. Hum.	10000016	131360	88.2	8.320	1490										
Dry Bulb	0748660	86006	56.2	3.596	1494										
Wet Bulb	0383660	80710	59.2	2.683	1490										
Dew Point	0151914	78558	52.7	2.600	1490										

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 123930 VANDENBERG AFB CA 64-84 YEARS MONTH AUG

PAGE 1 0900-1800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point	
90/ 89										.1								2	2		
86/ 85													.1					1	1		
84/ 83								.1	.1									2	2		
82/ 81								.1					.1					3	3		
80/ 79					.1				.2									4	4		
78/ 77						.1	.1	.1	.1	.1								7	7		
76/ 75					.1	.1	.4	.3										15	15		
74/ 73			.1	.1	.3	.5	.5	.2										26	26		
72/ 71		.1	.1	.2	.3	.6	.5	.1										31	31		
70/ 69		.1	.1	.6	2.6	1.7	.2											90	90		
68/ 67			.5	2.5	3.0	1.1	.3											124	124	4	
66/ 65			.1	.9	6.0	4.0	.4											195	195	16	
64/ 63		.6	3.9	7.1	2.3													238	238	56	
62/ 61		1.8	7.1	5.7	.7													261	261	131	
60/ 59		3.0	9.0	1.8	.1													271	271	323	
58/ 57		8.0	4.7	.6														227	227	484	
56/ 55	.1	7.9	1.6															164	164	408	
54/ 53	.1	2.6	.1															46	46	287	
52/ 51																		40	40	337	
50/ 49																		114	114	114	
48/ 47																		13	13	13	
46/ 45																		7	7	7	
44/ 43																		1	1	1	
38/ 37																		1	1	1	
TOTAL	.226	.028	.124	.513	.4	4.6	1.9	.8	.4	.2			.1					1707	1707	1707	
Element (X)		Z X ¹		Z X		X	σ _x			No. Obs.	Mean No. of Hours with Temperature										
Rel. Hum.		10036138		129336		75.8	11.826			1707										Total	
Dry Bulb		6640662		106118		62.2	5.061			1707										93	
Wet Bulb		5671020		98258		57.6	2.976			1707										93	
Dew Point		5010939		92361		54.1	2.807			1707										93	

Element (X)	Z _X	X	Y _X	No. Obs.	Mean No. of Hours with Temperature					TOTAL	
					= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Rel. Hum.	18038138	129336	75.811	826							
Dry Bulb	6640062	106118	62.2	5.061				3.3	.6		93
Wet Bulb	5671020	98258	57.6	2.976				.8			93
Dew Point	5010939	92361	54.1	2.807				.2			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 STATION NAME: VANDENBERG AFB CA 65-84 YEARS MONTH: APR

PAGE 1 18000-03700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87																		1	1		
82/ 81																		2	2		
78/ 77									.1	.1								3	3		
76/ 73									.1									7	7		
70/ 73									.3	.3								16	16		
72/ 71									.3	.3								18	18		
70/ 69									.5	.5								66	66		
68/ 67				.5	2.3	1.4	.3											181	181		
66/ 65				2.1	4.3	1.2	.3											206	206		
64/ 63			1.0	7.0	5.6	.2												319	319		
			3.3	14.0	3.8													526	526		
62/ 61			10.1	10.0	.6													251	251		
60/ 59			17.2	2.5														118	118		
58/ 57			4.6	.1														21	21		
56/ 55			.7	.7														3	3		
50/ 53		.2																73	73		
52/ 51																		8	8		
50/ 49																		80	80		
48/ 47																		2	2		
46/ 45																		1496	1496	1496	
TOTAL		6.3	32.7	36.9	17.8	3.9	1.8	.5	.1												

Element (X)	2 X'	2 X	X	°	No. Obs.	Mean No. of Hours with Temperature				Total
Ref. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 93 F	
Dry Bulb	7913972	108056	72.2	8.523	1496			16.7	1.8	93
Wet Bulb	900906	90090	63.1	3.862	1496			2		93
Dew Point	5019765	86583	57.9	2.407	1496			2		93
	9353935	80625	53.9	2.406	1496					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 VANDENBERG AFB CA
STATION NAME

64-74,79-84

YEARS

AUG
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
70/ 73						.1												1	1	1			
72/ 71							.1											1	1	1			
70/ 69				.1	.2	.1												3	3	3			
68/ 67			.1	.4	.4	.1												10	10	10			
66/ 65			.3	1.1	.7	.1												23	23	23			
64/ 63		.1	1.3	1.7	.4													37	37	37			
62/ 61		1.7	5.5	2.4	.1													104	104	104	2		
60/ 59		6.6	13.2	1.9														233	233	233	16		
58/ 57		16.5	15.1	.2														343	343	343	89		
56/ 55		17.8	6.4															260	260	260	202		
54/ 53	.2	4.3	1.0															63	63	63	379		
52/ 51																				82	330		
50/ 49																				1	93		
48/ 47																					5		
TOTAL	.207	102.9	7.7	1.7	.1	.3	.1											1076	1077	1076	1076		

Element (X)	Z _X	Z _X	X	X	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	7500819	89809	83.5	6.721	1076	= 0 F	= 32 F	= 67 F	= 80 F	= 93 F	Total
Dry Bulb	3049270	62610	58.1	2.025	1077			1.3			93
Wet Bulb	3299608	59542	55.3	2.123	1076						93
Dew Point	3846331	57207	53.2	2.123	1076						93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 VANDENBERG AFB CA
STATION NAME

64-74,76,81-84

YEARS

MONTH

PAGE 1 2100-2100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
60F-63			.1	.7	.2													10	10		
62F-64			1.0	.5	.3													25	25		
60F-60			6.4	3.9	.4													109	109	10	9
58F-57			5.8	3.4	.2													206	206	100	26
56F-55			3.1	1.5	.2													369	370	200	171
50F-53			1.5	1.0														100	100	100	320
52F-51			.3	.5														40	40	100	350
50F-49			.1															2	2	25	118
48F-47																				2	25
46F-48																					1
44F-43																					1
TOTAL		1.0	70.4	20.4	2.0	.3												1021	1022	1023	1021
							</														

Element (X)	Z _h	X	Y _a	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	702310	89629	87.8	5.929	1021	≥ 80 F	≥ 73 F	≥ 67 F	≥ 93 F	Total
Dry Bulb	323009	57033	56.2	2.895	1022					93
Wet Bulb	300237	55329	54.2	2.030	1021					93
Dew Point	2839330	53796	52.7	2.179	1021					93

PSYCHROMETRIC SUMMARY

64-134

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL				TOTAL			
																	O.B./W.B.							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
90/ 09																		2	2					
89/ 07																		1	1					
88/ 06																		1	1					
87/ 03																		3	3					
86/ 01																		0	0					
85/ 79																		7	7					
84/ 77																		19	19					
83/ 73																		51	51					
82/ 71																		80	80					
81/ 69																		118	118					
80/ 67																		315	315					
79/ 65																		500	500					
78/ 63																		848	848					
77/ 61																		1051	1051					
76/ 59																		1050	1050					
75/ 57																		1212	1212					
74/ 55																		1520	1520					
73/ 53																		1678	1678					
72/ 51																		1275	1275					
71/ 49																		380	380					
70/ 47																		62	62					
69/ 45																		10	10					
68/ 43																								
67/ 41																								
66/ 39																								
65/ 37																								
TOTAL																		10398	10398					

Element (X)	2 X ²	2 X	X	X ²	No. Obs.	Mean No. of Hours with Temperature							Total
Rel. Hum.	60000000	835602	80.5	11.720	10398	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total	
Dry Bulb	37708270	620232	59.6	5.293	10398			79.5	12.9	1.9		799	
Wet Bulb	3266883	581839	56.0	3.262	10398			2.9				799	
Dew Point	29569909	553825	53.3	2.626	10398							799	

PSYCHROMETRIC SUMMARY

723930	STATION	VANDENBERG AFB CA	STATION NAME	63-72,60,84	YEARS	SEP	MONTH
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[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/ANMC

PSYCHROMETRIC SUMMARY

STATION 123910 VANDENBERG AFB CA STATION NAME YEARS 63-72.82.89 SEP MONTH

PAGE 1 0800-0600 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
00/ 00									.3									3	3		
00/ 01								.1										1	1		
00/ 02								.1										2	2		
00/ 03				.3														5	5		
00/ 04			.2		.1							.1						1	1		
00/ 05		.2	.1	.2		.1				.2	.2							5	5		
00/ 06		.3	.1	.1	.2	.3			.1	.2	.1							8	8		
00/ 07		.7	.1	.1	.1	.2	.1		.1	.2	.1							12	12		
00/ 08		1.2	1.1	.7	.1	.2	.3	.1	.1	.2	.1							25	25		
00/ 09		1.7	1.1	.7	.1	.2	.3	.3	.1	.1	.1							39	39		
00/ 10	.1	5.8	3.5	.5	.2	.3	.3	.3	.2	.2								112	112		23
00/ 11	1.3	8.8	5.2	.1	.2	.3	.4	.2										218	218		66
00/ 12	2.1	15.2	9.5	.8	.4			.1										203	203		170
00/ 13	3.3	23.8	2.6	.6		.1												162	162		161
00/ 14	5.1	30.2	1.5	.2														71	71		203
00/ 15	3.8	.4																39	39		115
00/ 16	2.2	.6	.1															28	28		53
00/ 17	2.3	.2																24	24		38
00/ 18	.6																	6	6		39
02/ 01																					39
08/ 19																					19
30/ 17																					4
36/ 15																					3
34/ 13																					3
32/ 11																					5
30/ 09																					4
28/ 07																					5
26/ 05																					3
24/ 03																					1
22/ 01																					2
18/ 17																					1
16/ 15																					1
TOTAL	5.762	720.3	4.5	1.4	1.4	1.6	1.5	.9	.9	.3	.4	.1						964	964		964
Element (X)	Z _X	X	Z _X	Mean No. of Hours with Temperature												TOTAL		TOTAL			
Rel. Hum.	7875018	81972	84.5	14.026	964	964	964	964	964	964	964	964	964	964	964	964	964	964	964	964	964
Dry Bulb	3005011	53987	56.0	4.777	964	964	964	964	964	964	964	964	964	964	964	964	964	964	964	964	964
Wet Bulb	2756061	51381	53.3	4.307	964	964	964	964	964	964	964	964	964	964	964	964	964	964	964	964	964
Dew Point	2539989	49109	50.9	6.293	964	964	964	964	964	964	964	964	964	964	964	964	964	964	964	964	964

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION
121030

STATION NAME
YONKERS AFB CA

YEARS
63-64

MONTH
SEP

PAGE 1
DASHES
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		Dew Point	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb				
92/ 91													.1					8	1					
86/ 85																		1	1					
82/ 81												.1						3	3					
80/ 79															.1			2	2					
78/ 77												.1						7	7					
76/ 75												.1						12	12					
74/ 73												.1						13	13					
72/ 71												.1						13	13					
70/ 69												.1						26	26					
68/ 67												.1						26	26					
66/ 65												.1						59	59					
64/ 63												.1						76	76					
62/ 61												.1						120	120					
60/ 59												.1						183	183					
58/ 57												.1						303	303					
56/ 55												.1						321	321					
54/ 53												.1						228	228					
52/ 51												.1						88	88					
50/ 49												.1						31	31					
48/ 47												.1						13	13					
46/ 45												.1						12	12					
44/ 43												.1						1	1					
42/ 41												.1												
40/ 39												.1												
38/ 37												.1												
36/ 35												.1												
34/ 33												.1												
32/ 31												.1												
30/ 29												.1												
28/ 27												.1												
26/ 25												.1												
24/ 23												.1												
22/ 21												.1												
20/ 19												.1												
Element (X)																			Mean No. of Hours with Temperature				Total	
Rel. Hum.																			≥ 60 F		≥ 73 F			≥ 93 F
Dry Bulb																								
Wet Bulb																								
Dew Point																								

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 VANDENBERG AFB CA
STATION NAME

63-84

YEARS

SEP
MONTH

PAGE 1 0000-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
98/ 97																		2	2			
96/ 96																		2	2			
94/ 93																		5	5			
92/ 91																		6	6			
90/ 89																		10	10			
88/ 87																		7	7			
86/ 86																		19	19			
84/ 83																		18	18			
82/ 81																		15	15			
80/ 79																		33	33			
78/ 77																		33	33			
76/ 75																		50	50			
74/ 73																		53	53		5	
72/ 71																		63	63		2	
70/ 69																		112	112		7	
68/ 67																		195	195		7	
66/ 65																		197	197		58	
64/ 63																		237	237		12	
62/ 61																		215	215		25	
60/ 59																		213	213		09	
58/ 57																		165	165		195	
56/ 55																		102	102		277	
54/ 53																		25	25		363	
52/ 51																		2	2		203	
50/ 49																		1	1		226	
48/ 47																					90	
46/ 45																					61	
44/ 43																					30	
42/ 41																					24	
40/ 39																					12	
38/ 37																					8	
36/ 35																					15	
34/ 33																					6	
32/ 31																					11	
Element (X)	2 X		2 X		2 X		2 X		2 X		2 X		2 X		2 X		2 X		2 X		2 X	
Rel. Hum.																						
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

SEP
MONTH

PAGE 2 ~~SECRET~~
HOURS (L. S. T.)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION WANDERING AFB CA

YEARS 63-64

SEP
MONTH

PAGE 1 1200-1900
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 97																			2	2	
90/ 96																			5	5	
90/ 95											.1	.1	.1						4	4	
92/ 91											.1	.1	.1	.1					4	4	
90/ 90											.1	.1	.1	.1	.2	.2	.1		12	12	
90/ 87										.2	.1	.1	.1	.1	.2	.2	.1		10	10	
86/ 85										.1	.1	.2	.1	.1	.2	.3	.2		19	19	
86/ 83										.1	.1	.1	.1	.1	.1				12	12	
82/ 81					.1	.1	.1	.2	.1	.1	.1	.1	.1						23	23	
80/ 79						.2	.1	.1	.1	.1	.1	.1							20	20	
78/ 77			.1	.1	.1	.1	.1	.1	.1	.1	.1	.1							43	43	
76/ 75			.1	.1	.1	.1	.1	.1	.1	.1	.1								51	51	
74/ 73				.2	.2	.1	.1	.1	.1	.1									71	71	
72/ 71			.1	.1	.1	.1	.1	.1	.1	.1									87	87	
70/ 69			.1	.1	.1	.1	.1	.1	.1	.1									163	163	
68/ 67			.1	.1	.1	.1	.1	.1	.1	.1									262	262	
66/ 65			.1	.1	.1	.1	.1	.1	.1	.1									312	312	
64/ 63			.1	.1	.1	.1	.1	.1	.1	.1									291	291	
62/ 61			.1	.1	.1	.1	.1	.1	.1	.1									182	182	
60/ 59			.1	.1	.1	.1	.1	.1	.1	.1									116	116	
58/ 57			.1	.1	.1	.1	.1	.1	.1	.1									38	38	
56/ 55			.1	.1	.1	.1	.1	.1	.1	.1									3	3	
54/ 53			.1	.1	.1	.1	.1	.1	.1	.1									1	1	
52/ 51																					
50/ 49																					
48/ 47																					
46/ 45																					
44/ 43																					
42/ 41																					
40/ 39																					
38/ 37																					
36/ 35																					
34/ 33																					
32/ 31																					

Element (X)	Mean No. of Hours with Temperature				Total	
	≤ 0 F	≥ 32 F	≥ 67 F	≥ 93 F		
Rel. Hum.						
Dry Bulb						
Wet Bulb						
Dew Point						

GLOBAL CLIMATOLOGY BRANCH
USAF/AGC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION
723938

VANDIANG AFB CA
STATION

五、一、四

YEARS

SEP
MONTH

PAGE 2 ~~1200-1300~~
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 VANDENBERG AFB CA
STATION NAME

63-84

YEARS

MONTH
SEP

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
94/ 93											.1	.1	.1				.1		4	4		
92/ 91											.1	.1	.1						6	6		
90/ 89									.1	.1	.1	.1	.1						6	6		
88/ 87									.1	.1	.1	.1	.1			.2			6	6		
86/ 85									.1	.1	.1	.1	.1		.1	.1			9	9		
84/ 83									.1	.1	.1	.1	.1		.2				7	7		
82/ 81									.1	.3	.1	.1	.1		.1			13	13			
80/ 79						.1	.3	.2	.3	.1	.1	.1	.1					12	12			
78/ 77					.1	.3	.2	.1	.2	.1	.1	.1						17	17			
76/ 75			.1	.1	.1	.5	.5	.2	.2	.2	.1							28	28			
74/ 73			.1	.3	.3	1.2	.5	.4	.2	.1								47	47		3	
72/ 71			.1	.5	.7	.9	.8	.1	.1	.1	.1							50	50		8	
70/ 69		.1	.3	1.0	2.2	1.4	.5	.3	.1									91	91		14	
68/ 67			1.0	2.9	2.8	1.7	.5											136	136		22	
66/ 65		.3	1.9	6.7	4.0	1.0	.2	.1										218	218		32	
64/ 63		.6	5.6	7.6	3.0	.7												272	272		9	
62/ 61		2.4	8.0	6.0	1.9	.1												284	284		15	
60/ 59	.1	3.8	9.1	2.8	.3													248	248		45	
58/ 57		1.9	2.9	.1														77	77		92	
56/ 55		.6	.3															14	14		256	
54/ 53		.1																1	1		310	
52/ 51																					362	
50/ 49																				5	227	
48/ 47																					108	
46/ 45																					49	
44/ 43																					23	
42/ 41																					10	
40/ 39																					5	
38/ 37																					2	
36/ 35																					6	
34/ 33																					3	
32/ 31																					4	
30/ 29																					3	
28/ 27																					3	
26/ 25																					1	
Element (X)	Σ X ²			Σ X			X			° X			No. Obs.			Mean No. of Hours with Temperature			TOTAL			
Rel. Hum.																≤ 0 F			≥ 80 F			
Dry Bulb																≤ 73 F			≥ 93 F			
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

STATION
723930

VANDENBERG AFB CA

65-84

YEARS

SEP
MONTH

PAGE 2 ~~1500-1700~~
HOURS (L. S. T.)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930

VANDENBERG AFB CA

63-7481-84

SEP

STATION

STATION NAME

YEARS

PAGE 1

1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		Dew Point																																																																																																																																																																																																																																																																																																																																																																																																															
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb																																																																																																																																																																																																																																																																																																																																																																																																																	
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28/ 27																		1	1	1																																																																																																																																																																																																																																																																																																																																																																																																																	
24/ 23																		1	1	1																																																																																																																																																																																																																																																																																																																																																																																																																	
Element (X)	Σ X'																	Σ X		Σ X		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'		Σ X'	

PSYCHROMETRIC SUMMARY

63-74,81-84

YEARS

SEP
MONTH

PAGE 2 ~~1,000-2,000~~
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723030 VANDENBERG AFB CA 61-79, 79-80, 82-85 SEP MONTH
STATION NAME YEARS

PAGE 1 2800-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
80/ 07								.1										1	1			
86/ 08								.1			.1							2	2			
82/ 01								.1		.2								2	2			
80/ 79																		2	2			
78/ 77						.1												1	1			
76/ 75						.2		.2										2	2			
70/ 73					.3	.2		.1										7	7			
72/ 71					.2	.2		.2										5	5			
70/ 69			.1	.1	.1	.1		.1										6	6			
68/ 67		.2	.4	.3	.3	.1		.3	.1	.1	.1							18	10	1	2	
66/ 65		.7	.4	.5	.5	.1		.3	.2	.1								22	22	11	11	
64/ 63		.4	.6	.5	.5	.1		.6	.1									25	25	15	6	
62/ 61		2.0	3.4	1.4	.5	.1		.1										83	83	38	18	
60/ 59	.2	7.0	6.1	.5	.2	.3	.2	.4										162	162	75	29	
58/ 57	.117	3	8.7	.5	.2	.2	.5											298	298	162	90	
56/ 55	1.213	5.4	6.6	.8	.1	.2	.1											243	243	293	187	
54/ 53	.1	8.2	3.3	.2	.2													128	128	248	250	
52/ 51	3.4	1.7	.1		.1													57	57	142	216	
50/ 49	.8	.9																19	19	72	326	
48/ 47	.5																	5	5	38	61	
46/ 45																				14	34	
44/ 43																					23	
42/ 41																					10	
40/ 39																					7	
38/ 37																					5	
36/ 35																					1	
34/ 33																					3	
32/ 31																					6	
30/ 29																					7	
28/ 27																					2	
22/ 21																					1	
TOTAL	1.755	32.2	4.2	1.4	1.4	1.4	1.4	1.2	.5	.1	.1							1086	1086	1086	1086	

Element (X)	Z _X ¹	Z _X	Y	Y ₂	No. Obs.	Mean No. of Hours with Temperature							Total
Rel. Hum.	7702822	90480	83.112	313	1086	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total	
Dry Bulb	3616620	62488	57.5	4.406	1086			3.2	1.4	.5		90	
Wet Bulb	3250841	59317	54.4	3.714	1086			.6	.2			90	
Dew Point	2988140	56698	52.2	5.103	1086		1.3	.2				90	

Element (X)	Z _X	Z _Y	X	Y	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	7702822	90000	83.3	312.3	1086	≥ 0 F	≥ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3616620	62400	57.5	4.400	1086			3.1	1.4		.5	90
Wet Bulb	3250841	59317	54.4	3.714	1086			.6	.2			90
Dew Point	2988140	56696	52.2	5.103	1086		1.3	.2				90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 723920 VANDENBERG AFB CA STATION NAME 63-84 YEARS MONTH SEP

PAGE 1

HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		Dew Point					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb								
98/97																												
96/95																												
94/93																												
92/91																												
90/89																												
88/87																												
86/85																												
84/83																												
82/81																												
80/79																												
78/77																												
76/75																												
74/73																												
72/71																												
70/69																												
68/67																												
66/65																												
64/63																												
62/61																												
60/59																												
58/57																												
56/55																												
54/53																												
52/51																												
50/49																												
48/47																												
46/45																												
44/43																												
42/41																												
40/39																												
38/37																												
36/35																												
34/33																												
32/31																												
Element (X)	Z _X																		Z _X		Z _X		Z _X		Z _X		Z _X	
Rel. Hum.																												
Dry Bulb																												
Wet Bulb																												
Dew Point																												

PSYCHROMETRIC SUMMARY

SEP
MONTH

HOURS (L, S, T:)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAAC

PSYCHROMETRIC SUMMARY

723000 WANDENBERG AFB CA
STATION NAME

63-72, 77, 79-80, 82 YEARS

063 MONTH

PAGE 1 000000Z000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		Wet Bulb	Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb				
70° 73											.1							1	2				
72° 71											.1							1	1				
70° 69											.3							3	3				
68° 67											.7							0	0				
66° 65										.3	.4	.3						11	11				
64° 63										.1	.2	.2						11	11				
62° 61				.5	.1	.1	.1	.2	.3	.2								35	35				
60° 59			.3 1.4	.2	.2	.5	.4	.2	.3	.2								100	100	1			
58° 57			3.0 3.3	1.2	.8	1.0	.4	.8	.5									150	150	26			
56° 55	.6	6.0 6.2	1.2	.7	.7	.1	.6	.5	.2									180	180	123	78		
54° 53	1.7 9.0 5.0	.7	.2	.7	.2	.7	.2	.1										140	140	890	127		
52° 51	.6 7.0 3.0	.3	.9	.3	.3	.3	.2	.1										120	120	161	170		
50° 49	.2 7.0 3.0	1.0	.8	.1	.1	.1	.3											60	60	180	326		
48° 47	.8 4.5 1.2	.3	.2	.3	.2	.1	.1	.1										30	30	80	110		
46° 45	2.5 .8	.4	.1	.1														30	30	73	75		
44° 43	.1 2.1 1.3	.2	.1	.1	.1	.1												17	17	90	38		
42° 41	.1 .5 .8	.1	.1	.1	.1	.1												2	2	28	37		
40° 39		.1	.1															3	3	9	35		
38° 37			.2 .1																	1	30		
36° 35																				5	19		
34° 33																					21		
32° 31																					13		
30° 29																					9		
28° 27																					9		
26° 25																					10		
24° 23																					9		
22° 21																					1		
20° 19																					953		
18° 17																					953		
TOTAL	4,000,228.9	7.2	3.0	3.3	2.7	2.0	1.7	1.0	.1									953	953				

Element (X)	Zx'	Zx	X	%	No. Obs.	Mean No. of Hours with Temperature							Total	
Ref. Hum.	6171809	79658	78.310	422	953	≥ 0 F	≥ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb	2009335	52091	59.6	9,791	953			1.3	.1			93		
Wet Bulb	2002649	48459	50.8	9,064	953							93		
Dew Point	2160457	49858	47.1	7,736	953							93		

Element (X)	Zx'		Zx		X		X		No. Obs.		Mean No. of Hours with Temperature					Total	
	Zx'		Zx		X		X		No. Obs.		Mean No. of Hours with Temperature					Total	
Rel. Hum.	6171809		74658		78.318	822			953		≤ 32 F	≤ 37 F	≤ 40 F	≤ 43 F	≤ 46 F	93	
Dry Bulb	2004335		52008		54.6	9.701			953							93	
Wet Bulb	2002649		48055		50.8	9.864			953							93	
Dew Point	2160457		48058		47.1	7.736			953		6.4					93	

PSYCHROMETRIC SUMMARY

22

2250-2300
HOURS (L.S.T.)

[illegible]

0-26-5 (OL A)

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721020
STATION

TEMPERATURE APR 64
STATION NAME

63-24

YEARS

ACT
MONTH

PAGE 1

0000000000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79											.1		.1					2	2	2	
78/ 77												.1	.1					1	1	1	
76/ 75									.1			.1	.1					2	2	2	
74/ 73											.1	.1	.1					5	5	5	
72/ 71						.1			.1		.1	.1	.1					8	8	8	
70/ 69						.1			.1		.1	.1	.1					15	15	15	
68/ 67					.1	.1			.1		.1	.1	.1					17	17	17	
66/ 65		.1	.1	.1	.1	.1			.1		.1	.1	.1					38	38	38	
64/ 63		.1	.1	.1	.1	.1	.1		.1		.1	.1	.1					53	53	53	
62/ 61		.1	.1	.1	.1	.1	.1	.1	.1		.1	.1	.1					85	85	85	2
60/ 59	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1					168	168	168	16
58/ 57	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1					221	221	221	50
56/ 55	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1					258	258	258	115
54/ 53	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1					226	226	226	167
52/ 51	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1					165	165	165	271
50/ 49	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1					116	116	116	209
48/ 47	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1					73	73	73	160
46/ 45	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1					42	42	42	120
44/ 43	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1					15	15	15	82
42/ 41	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1					3	3	3	77
40/ 39	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1					6	6	6	90
38/ 37	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1					3	3	3	19
36/ 35																					32
34/ 33																					2
32/ 31																					2
30/ 29																					4
28/ 27																					1
26/ 25																					28
24/ 23																					17
22/ 21																					13
20/ 19																					18
18/ 17																					5
16/ 15																					14
14/ 13																					8
12/ 11																					1
10/ 9																					1
8/ 7																					1
6/ 5																					1
4/ 3																					1
2/ 1																					1
0/ 0																					1

USAFETAC

FORM 0-26-5 (OL A)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF/AGC
AIR WEATHER SERVICE/AGC

PSYCHROMETRIC SUMMARY

STATION
123930

VANDWEGEN RFD CA

63-89

YEARS

130

PAGE 2 ~~SECRET~~
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723020 YAMMENDERS AFB CA
STATION NAME

63-89

YEARS

63 MONTH

PAGE 1 050000Z DEC 89
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (P)												TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97																	.1	1	1	1	
96/ 95																	.1	1	1	1	
94/ 93																	.2	3	3	3	
92/ 91																	.3	6	6	6	
90/ 89											.1						.1	7	7	7	
88/ 87										.1							.2	9	9	9	
86/ 85											.1	.1	.1	.1	.1	.1	.1	11	11	11	
84/ 83										.1	.2	.1	.2	.1	.1	.1	.1	13	13	13	
82/ 81										.2	.2	.2	.2	.2	.2	.2	.2	27	27	27	
80/ 79										.1	.1	.1	.1	.1	.1	.1	.1	16	16	16	
78/ 77									.1	.3	.3	.3	.3	.3	.3	.3	.3	30	30	30	
76/ 75					.1	.2	.2	.3	.4	.3	.7	.3	.3	.3	.3	.3	.3	51	51	51	
74/ 73					.2	.1	1.1	.4	.3	.3	.4	.3	.3	.3	.3	.3	.3	57	57	57	
72/ 71				.1	.2	.6	.5	.8	.6	.6	.3	.2	.2	.2	.2	.2	.2	69	69	69	1
70/ 69				.3	1.3	1.2	1.1	.7	.4	.4	.1	.1	.1	.1	.1	.1	.1	99	99	99	1
68/ 67			.2	1.4	2.4	1.8	1.1	.5	.4	.1	.1	.1	.1	.1	.1	.1	.1	140	140	140	1
66/ 65		.1	.9	3.8	3.3	1.0	1.3	.5	.3	.1								198	198	198	1
64/ 63		.7	2.3	4.6	2.4	1.3	.6	.7	.1	.1	.1	.1	.1	.1	.1	.1	.1	224	224	224	2
62/ 61	.1	1.2	3.7	5.0	2.3	.7	.3	.2	.1									238	238	238	19
60/ 59	.1	2.3	5.0	3.3	1.7	.5	.3	.2	.1									233	233	233	51
58/ 57	.2	3.4	2.4	1.0	.3	.2	.1	.1	.1									140	140	140	129
56/ 55	.2	3.5	1.2	.6		.1	.1	.1	.1									101	101	101	230
54/ 53	.2	1.6	.3	.2		.1	.1	.1	.1									42	42	42	303
52/ 51	.1	.6	.1			.1	.1	.1	.1									17	17	17	294
50/ 49		.3																5	5	5	161
48/ 47		.1																1	1	1	103
46/ 45																					
44/ 43																					
42/ 41																					
40/ 39																					
38/ 37																					
36/ 35																					
34/ 33																					
32/ 31																					
Element (X)	2X'	2X	X					e _a		No. Obs.	Mean No. of Hours with Temperature						≥ 32 F	≥ 27 F	≥ 22 F	≥ 17 F	Total
Rel. Hum.											≥ 93 F	≥ 80 F	≥ 73 F	≥ 67 F	≥ 62 F	≥ 57 F	≥ 52 F	≥ 47 F	≥ 42 F	≥ 37 F	Total
Dry Bulb																					
Wet Bulb																					
Dew Point																					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 STATION VANDENBERG AFB CA 63-84 YEARS MONTH 021

PAGE 1 12000000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
100/ 99																	.1	1	1							
98/ 97																	.1	2	2							
96/ 95																	.1	1	1							
94/ 93																	.2	3	3							
92/ 91															.1	.1	.2	4	4							
90/ 89														.1	.1	.1	.1	7	7							
88/ 87									.1				.1	.1	.1	.2		8	8							
86/ 85								.1		.1	.1	.2	.2	.5	.1	.1		12	12							
84/ 83								.1	.2	.1	.1	.2	.2	.1	.1			20	20							
82/ 81								.1	.2	.2	.2	.3	.5	.2				15	15							
80/ 79								.1	.2	.1	.2	.3	.5	.2				33	33							
78/ 77						.1	.3	.5	.2	.2	.2	.3	.6	.1				42	42							
76/ 75						.2	.5	.4	.7	.2	.3	.2	.1	.1				46	46							
74/ 73					.3	.5	.6	.9	.7	.3	.5	.3	.1					69	69							
72/ 71				.2	.7	.9	1.9	.9	.3	.4	.3							99	99	1						
70/ 69			.2	.7	1.8	2.8	1.6	.9	.3	.3								152	152	1						
68/ 67		.1	.4	2.0	4.0	2.1	1.3	.6	.1									186	186	6						
66/ 65		.1	1.3	5.2	6.3	1.2	1.0	.4	.1									271	271	36						
64/ 63		.5	2.3	7.3	4.5	1.8	.4	.2	.2	.1								300	300	87	5					
62/ 61		.6	4.5	6.9	2.3	.4	.2	.2	.1									266	266	191	29					
60/ 59	.1	.8	3.2	2.8	1.0	.2		.1	.1									141	141	424	61					
58/ 57	1.4	1.0	.2	.2	.2		.1	.1	.2									55	55	448	139					
56/ 55	.6	.1																11	11	328	263					
54/ 53						.1												2	2	161	147					
52/ 51																				37	296					
50/ 49																				11	186					
48/ 47																				8	180					
46/ 45																				5	58					
44/ 43																				2	60					
42/ 41																				3	30					
40/ 39																					22					
38/ 37																					28					
36/ 35																					19					
34/ 33																					22					
Element (X)	Σ X'	Σ X	X	°A	No. Obs.	Mean No. of Hours with Temperature											≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Rel. Hum.																										
Dry Bulb																										
Wet Bulb																										
Dew Point																										

PSYCHROMETRIC SUMMARY

723938
STATION

VANDENBERG AFB CA

100

YEARS

Q11
MONTH

PAGE 2 1208-1800
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MSC

PSYCHROMETRIC SUMMARY

STATION 723930 VANDENBERG AFB CA 63-84 MONTH OCT 1963

PAGE 1 1800-0100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 96																		.1	1	1	
90/ 89															.1				1	1	
88/ 87												.1							1	1	
86/ 85													.1						5	5	
84/ 83										.1			.1						7	7	
82/ 81									.1			.1	.1						8	8	
80/ 79										.1	.1	.1	.1						9	9	
78/ 77									.1	.1	.1	.1	.1					22	22		
76/ 75									.1	.1	.1	.1	.1					20	20		
74/ 73				.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1				28	28		
72/ 71				.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1				36	36		
70/ 69				.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1				71	71		
68/ 67				.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1				116	116		
66/ 65				.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1				165	165		
64/ 63				.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1				225	225		4
62/ 61				.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1				302	302		15
60/ 59				.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1				297	297		01
58/ 57				.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1				175	175		89
56/ 55				.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1				68	68		234
54/ 53				.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1				13	13		358
52/ 51				.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1				2	2		315
50/ 49				.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1							205
48/ 47																					106
46/ 45																					58
44/ 43																					43
42/ 41																					22
40/ 39																					11
38/ 37																					13
36/ 35																					14
34/ 33																					16
32/ 31																					12
30/ 29																					4
28/ 27																					8
26/ 25																					5
Element (X)	2 X'		2 X		X		°		No. Obs.		Mean No. of Hours with Temperature							Total			
Rel. Hum.																					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

QCY
MONTH

PAGE 2 ~~1100-1100~~
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 173930 VANDENBERG AFB CA STATION NAME 63-79.77.79-84 YEARS 061 MONTH 10000-2000 HOURS (C. S. T.)

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	
70/ 77																		2	2	2	
70/ 73																		2	2	2	
72/ 71																		5	5	5	
70/ 69																		3	3	3	
60/ 67																		9	9	9	
66/ 65																		20	20	20	
64/ 63																		48	48	48	
62/ 61																		83	83	83	
60/ 59																		213	213	213	9
58/ 57																		284	284	284	51
56/ 55																		284	284	284	108
54/ 53																		125	125	125	290
52/ 51																		46	46	46	267
50/ 49																		22	22	22	188
48/ 47																		9	9	9	99
46/ 45																		1	1	1	51
44/ 43																					31
42/ 41																					23
40/ 39																					20
38/ 37																					18
36/ 35																					12
34/ 33																					16
32/ 31																					9
30/ 29																					7
28/ 27																					3
26/ 25																					1
24/ 23																					2
22/ 21																					3
TOTAL	1.034	4.00	10.2	4.7	3.3	2.0	1.1	0.9	0.8	0.5	0.1							1154	1154	1154	1150

Element (X)	2X	X	X'	No. Obs.	Mean No. of Hours with Temperature				Total
Rel. Hum.	72.6911	89941	77.914.931	1154	≤ 0 F	≤ 32 F	≤ 67 F	≤ 80 F	≤ 93 F
Dry Bulb	3012920	60194	57.4	3.696			1.7		93
Wet Bulb	3310399	61697	53.5	3.207					93
Dew Point	2917574	57646	50.0	5.739		2.0			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723020 VANDENBERG AFB CA
STATION NAME

63-12-17-22-23

YEARS

007
MONTH

PAGE 1 2000-02-2000
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	Dry Bulb	Wet Bulb	Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.					
76/ 96											.1	.2						3	3				
76/ 93											.1							1	1				
72/ 93											.2	.1						3	3				
70/ 90											.2	.1						4	4				
68/ 87											.2	.1						5	5				
66/ 88											.2	.1						16	16				
66/ 83											.2	.1						22	22				
62/ 81											.2	.1						40	40				
60/ 80											.2	.1						254	254				
58/ 87											.2	.1						171	171				
56/ 86											.2	.1						109	109				
54/ 83											.2	.1						59	59				
52/ 81											.2	.1						95	95				
50/ 80											.2	.1						14	14				
48/ 87											.2	.1						4	4				
46/ 83											.2	.1						1	1				
42/ 81											.2	.1						1	1				
40/ 80											.2	.1						1	1				
38/ 87											.2	.1						1	1				
36/ 83											.2	.1						1	1				
34/ 83											.2	.1						1	1				
32/ 81											.2	.1						1	1				
30/ 80											.2	.1						1	1				
28/ 87											.2	.1						1	1				
26/ 83											.2	.1						1	1				
24/ 83											.2	.1						1	1				
22/ 81											.2	.1						1	1				
18/ 17											.2	.1						1	1				
TOTAL	2,390	2,390	2,390	2,390	2,390	2,390	2,390	2,390	2,390	2,390	2,390	2,390	2,390	2,390	2,390	2,390	2,390	1089	1089	1089	1089		

Element (X)	2 X'	2 X	X	X'	No. Obs.	Mean No. of Hours with Temperature					Total	
Ref. Hum.	79.0	86.0	79.0	16.5	1089	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Dry Bulb	337.0	604.7	55.5	4.4	1089			1.0				93
Wet Bulb	294.9	565.0	51.9	3.9	1089							93
Dew Point	260.2	527.3	48.4	6.5	1089							93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AWC

PSYCHROMETRIC SUMMARY

723920 VANDENBURG AFB CA 63-84 STATION NAME YEARS MONTH

PAGE 1

000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99																	0.0	1	1		
98/ 97																	0.0	1	1		
96/ 95																	0.0	1	1		
94/ 93																	0.0	1	1		
92/ 91											0.0				0.0	0.0	0.1	12	12		
90/ 89															0.0	0.0	0.1	15	15		
88/ 87									0.0	0.0					0.0	0.0	0.1	18	18		
86/ 85										0.0	0.0				0.0	0.0	0.1	28	28		
84/ 83									0.0	0.0	0.0				0.0	0.0	0.0	46	46		
82/ 81									0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	58	58		
80/ 79									0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	60	60		
78/ 77									0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	97	97		
76/ 75									0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	122	122		
74/ 73									0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	161	161		
72/ 71									0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	221	221	2	
70/ 69									0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	348	348	2	
68/ 67									0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	484	484	9	
66/ 65									0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	729	729	6	
64/ 63									0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	902	902	11	
62/ 61									0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1081	1081	15	
60/ 59									0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1361	1361	184	
58/ 57									0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	1707	1707	547	
56/ 55									0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	2108	2108	1882	
54/ 53									0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	2596	2596	1761	
52/ 51									0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	3165	3165	1990	
50/ 49									0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	3828	3828	1353	
48/ 47									0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	4596	4596	955	
46/ 45									0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	5438	5438	611	
44/ 43									0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	6357	6357	418	
42/ 41									0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	7369	7369	307	
40/ 39									0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	8484	8484	231	
38/ 37									0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	9719	9719	202	
36/ 35									0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	11171	11171	182	
34/ 33									0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	12789	12789	189	

Element (X)	2x	X	°A	No. Obs.	Mean No. of Hours with Temperature				Total
Rel. Hum.					≤ 0 F	≥ 32 F	≥ 67 F	≥ 80 F	≥ 93 F
Dry Bulb									
Wet Bulb									
Dew Point									

PSYCHROMETRIC SUMMARY

723930	STATION	VANDENBERG AFB CA	STATION NAME	63-84	YEARS	ACT MONTH
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HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AMC

PSYCHROMETRIC SUMMARY

723930 VANDENBERG AFB CA STATION NAME 63-12-89 YEARS MONTH DAY

PAGE 1 0000-0000 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 67					.1	.1	.1			.2								5	5		
65/ 68					.1	.1	.2											4	4		
64/ 63						.2	.1		.1									4	4		
62/ 61		.1	.3	.2	.2	.2	.1											12	12		
60/ 59		2.1	1.9	.8	.2	.6	.2											54	54	7	1
58/ 57	.1	4.1	3.0	.9	.1	.8	.2											88	88	29	11
56/ 55	.6	6.8	3.4	1.3	.9	.7	.8											124	124	82	46
54/ 53		7.5	3.0	.6	.7	.4	.4											114	114	95	69
52/ 51	.1	5.9	3.2	1.7	.4	.2	.9											112	112	184	95
50/ 49	.2	6.6	2.9	2.1	1.4	.6												122	122	103	95
48/ 47		5.4	1.4	1.8	1.1	.3												91	91	118	49
46/ 45	.1	4.2	3.2	.4	.7													78	78	96	95
44/ 43		1.4	2.0	.6	.2													41	41	88	74
42/ 41		1.8	1.9	.3														28	28	73	54
40/ 39	.3	.8	.3	.1														14	14	55	62
38/ 37		.7	.1	.1														8	8	29	53
36/ 35																		2	2	13	51
34/ 33		.1																		1	25
32/ 31																					31
30/ 29																					21
28/ 27																					15
26/ 25																					6
24/ 23																					8
22/ 21																					4
TOTAL	1.447	7.226	0.110	6.7	4.2	3.1	.1	.2										905	905	905	905
Element (X)	2x ¹	2x	X	c _x	No. Obs.	Mean No. of Hours with Temperature												Total			
Rel. Hum.	54.833	70.87	77.715	.897	905	≥ 0 F												≥ 80 F	≥ 93 F	Total	
Dry Bulb	247.062	46614	51.5	5.886	905	≥ 5														90	
Wet Bulb	218.047	43421	48.0	5.531	905	.1														90	
Dew Point	1327282	40049	44.3	7.906	905	8.5														90	

Element (X)	2x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	70.187	77.715	9.97	905	≥ 0 F	≥ 32 F	≥ 47 F	≥ 73 F	≥ 93 F	Total
Dry Bulb	66.14	51.9	5.486	905			.5			90
Wet Bulb	43.421	48.0	5.531	905		.1				90
Dew Point	40.49	44.3	7.906	905		8.5				90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/ANAC

PSYCHROMETRIC SUMMARY

723980 VANDENBERG AFB CA
STATION NAME

63-72.84

YEARS

MONTH

PAGE 1 0000-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
70/ 69							.1											1	1						
68/ 67							.2											3	3						
66/ 65										.1								2	2						
64/ 63																		10	10						
62/ 61																		12	12						
60/ 59																		17	17						
58/ 57																		57	57		3				
56/ 55																		102	102		8				
54/ 53																		106	106		19				
52/ 51																		110	110		51				
50/ 49																		118	118		81				
48/ 47																		128	128		99				
46/ 45																		102	102		96				
44/ 43																		99	99		65				
42/ 41																		56	56		82				
40/ 39																		31	31		72				
38/ 37																		18	18		66				
36/ 35																		8	8		57				
34/ 33																		9	9		89				
32/ 31																		1	1		40				
30/ 29																					28				
28/ 27																					24				
26/ 25																					21				
24/ 23																					17				
22/ 21																					9				
20/ 19																					7				
TOTAL	0.048	227.1	9.9	6.3	5.3	2.9	0.3											902	902	902	902				
Element (X)	2 X'			2 X		X	e _a	No. Obs.										Mean No. of Hours with Temperature							
Rel. Hum.	5470171			62397		76.9	16.0	902										≥ 80 F					≥ 93 F		Total
Dry Bulb	2330084			45638		50.6	5.709	902																	90
Wet Bulb	2022058			42396		47.0	5.785	902																	90
Dew Point	1731545			38817		43.0	8.234	902										10.9							90

Element (X)	Zx'	Zx	X	X'	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	5570171	69397	76.916	0.011	902	≤ 0 F	≤ 32 F	≥ 67 F	≥ 80 F	≥ 93 F		
Dry Bulb	233084	45638	50.6	5.709	902							
Wet Bulb	2022858	42396	47.0	5.785	902							
Dew Point	1731545	38817	43.0	8.234	902							

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NSC

PSYCHROMETRIC SUMMARY

723930 VANDENBERG AFB CA
STATION NAME

63-84

YEARS

MONTH

PAGE 1 0600-1800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 73																					
68/ 67																					
66/ 65																					
64/ 63																					
62/ 61																					
60/ 59																					
58/ 57																					
56/ 55																					
54/ 53																					
52/ 51																					
50/ 49																					
48/ 47																					
46/ 45																					
44/ 43																					
42/ 41																					
40/ 39																					
38/ 37																					
36/ 35																					
34/ 33																					
32/ 31																					
30/ 29																					
28/ 27																					
26/ 25																					
24/ 23																					
22/ 21																					
20/ 19																					
18/ 17																					
16/ 15																					
TOTAL	1-639	726	512	6	6	6	6	6	6	6	6	6	6	6	6	6	6	1240	1240	1240	1240

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MSC

PSYCHROMETRIC SUMMARY

723930 VANDENBERG AFB CA

63-04

MON

STATION NAME

YEARS

MONTH

PAGE 1 000001100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 07																		1	1		
80/ 03																		5	5		
82/ 02																		8	8		
90/ 79																		3	3		
78/ 77																		14	14		
76/ 78																		19	19		
74/ 73																		28	28		
72/ 71																		43	43		
70/ 69		.1																55	55		
68/ 67					.3	.8	.6											82	82		1
66/ 65			.1		.1	1.2	.8	1.4	.9	.6	.5	.1						110	110		
64/ 63		.2	.6	1.0	1.4	1.1	1.8	.9	.7	.5	.2							135	135		
62/ 61			.2	2.1	2.7	2.2	1.6	1.4	.8	.4	.1							204	204		1
60/ 59	.1	1.8	2.8	3.6	3.6	1.7	1.7	1.4	.8	.1								236	236		16
58/ 57		2.0	4.7	2.7	2.7	2.4	1.5	1.0	.5	.1								251	251		43
56/ 55		3.1	2.8	1.8	1.8	2.0	1.6	.6	.2									204	204		78
54/ 53	.2	3.6	1.5	1.5	1.3	1.1	.9	.2	.1									143	143		137
52/ 51	.1	1.7	.9	.9	.9	.7	.3	.2	.1									84	84		218
50/ 49	.1	.5	.7	.6	.4	.4	.1											39	39		192
48/ 47		.4	.4	.2	.2	.4	.1											22	22		151
46/ 45		.1	.1	.1	.1	.1												5	5		138
44/ 43																					131
42/ 41																					119
40/ 39																					86
38/ 37																					3
36/ 35																					66
34/ 33																					61
32/ 31																					52
30/ 29																					42
28/ 27																					22
26/ 25																					21
24/ 23																					17
22/ 21																					7
20/ 19																					10

Element (X)	2 X'	2 X	X	°a	No. Obs.	Mean No. of Hours with Temperature				Total
Rel. Hum.						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 93 F
Dry Bulb										
Wet Bulb										
Dew Point										

PSYCHROMETRIC SUMMARY

63-944

YEARS

2011
MONTH

PAGE 2 ~~0000-1100~~
HOURS (L.S.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/WAC

PSYCHROMETRIC SUMMARY

723930 VANDENBERG AFB CA
STATION NAME

63-84

YEARS

MONTH

PAGE 1 1200-1900
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL													
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
86/ 89												.1	.1					1	1															
84/ 83											.1	.1	.2					6	6															
82/ 81										.1	.1	.2	.1	.1	.1			7	7															
80/ 79										.1	.2	.2	.4	.1				18	18															
78/ 77						.1	.1	.2	.1	.2	.2	.4	.4	.1	.1			20	20															
76/ 75						.1	.1	.3	.5	.2	.4	.8	.3	.1				45	45															
74/ 73					.1	.1	.2	.5	.2	.7	.7	.4	.2					49	49															
72/ 71		.1			.2	.4	.7	.9	.7	.6	.5	.2	.1					72	72															
70/ 69		.1		.1	.4	1.1	.9	.9	.8	.5	.5	.1						88	88		3													
68/ 67		.2	.4	.4	1.5	1.4	1.4	.8	.4	.2	.2							108	108		1													
66/ 65		.4	.4	1.7	2.3	2.0	2.5	.9	.9	.1								180	180		5													
64/ 63		.2	1.2	3.0	4.9	2.8	2.2	.9	.2	.1								263	263		2													
62/ 61		.7	2.6	4.3	3.4	2.0	1.2	.2										242	242		3													
60/ 59		1.4	3.4	4.6	2.8	2.6	1.0	.2										269	269		184													
58/ 57		1.3	3.1	2.5	2.7	.9	.5	.1										185	185		20													
56/ 55		.9	1.4	.9	1.3	.7	.3	.1	.1									96	96		46													
54/ 53		.7	.3	.1	.2	.2	.1	.1										27	27		127													
52/ 51		.1		.1	.1	.1	.1											6	6		195													
50/ 49		.1	.1	.1	.1													4	4		242													
48/ 47			.1	.1														3	3		153													
46/ 45																		24	24		194													
44/ 43																		7	7		135													
42/ 41																		7	7		110													
40/ 39																					121													
38/ 37																					91													
36/ 35																					69													
34/ 33																					51													
32/ 31																					39													
30/ 29																					28													
28/ 27																					28													
26/ 25																					7													
24/ 23																					9													
22/ 21																					6													
20/ 19																					7													
																					10													
Element (X)	Σ X'		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X													
Rel. Hum.																							Mean No. of Hours with Temperature		Total									
Dry Bulb																							≥ 0 F		≥ 32 F		≥ 67 F		≥ 80 F		≥ 93 F		Total	
Wet Bulb																																		
Dew Point																																		

PSYCHROMETRIC SUMMARY

STATION
056521

VANDENBORGERS AFB CA
STATION NAME

63-84

YEARS

NOV
MONTH

PAGE 2 1200-1000
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930 VANDENBERG AFB CA 63-84 NOV
STATION NAME YEARS MONTH

PAGE 1 1900-1900
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81														.1					2	2	
80/ 79																			2	2	
78/ 77									.1	.1	.1			.1				6	6		
76/ 75									.1	.1	.1	.1		.1				6	6		
74/ 73					.1				.3	.2	.1	.1						8	8		
72/ 71						.1	.1	.2	.2	.4	.4	.1						24	24		
70/ 69					.1	.6	.4	.5	.5	.4	.1							43	44		
68/ 67		.1	.2	.1	.2	.4	.4	.5	.3	.4	.1							50	50	1	
66/ 65		.1	.2	.9	.9	.8	1.0	.3	.3	.3	.2	.1						88	88	1	
64/ 63		.3	1.1	2.8	1.9	1.5	.8	.5	.2	.1								156	156	1	
62/ 61		.4	3.3	4.6	2.7	1.5	.8	.2	.1									229	229	6	
60/ 59		1.7	7.2	4.9	2.3	1.0	.5	.1		.1								298	298	15	
58/ 57	.1	3.9	7.8	4.9	2.6	.8	.3		.1	.1								337	337	39	
56/ 55	.1	3.9	6.0	4.1	1.7	.3		.1	.1									271	271	130	
54/ 53	.2	1.3	2.6	1.5	.5	.2	.1											184	104	384	211
52/ 51		.5	1.8	.4	.2	.2	.1											38	38	281	300
50/ 49		.1	.2	.2														9	9	203	246
48/ 47			.1	.2	.1													7	7	68	192
46/ 45				.1														1	1	28	186
44/ 43																				12	116
42/ 41																				8	73
40/ 39																				2	58
38/ 37																					37
36/ 35																					36
34/ 33																					21
32/ 31																					12
30/ 29																					6
28/ 27																					12
26/ 25																					4
24/ 23																					1
22/ 21																					2
20/ 19																					3
18/ 17																					2
16/ 15																					1
Element (X)	2 X'	2 X	X	° F	No. Obs.	Mean No. of Hours with Temperature											≤ 0 F	≤ 32 F	≥ 67 F	≥ 93 F	Total
Rel. Hum.																					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

63-84

YEARS

NEW
MONTH

PAGE 2 1600-1700
HOURS (L. S. Y.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAAC

PSYCHROMETRIC SUMMARY

723930 STATION NAME: WANDENBERG AFB CA 63-79.79-81.84 YEARS: NOV MONTH: 1800-2000 HOURS (L. S. T.)

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Wet Bulb	Dew Point
68/ 67							.2		.1									3	3	
66/ 65				.1			.1											2	2	
64/ 63				.1	.4	.2	.1	.4	.2									14	14	
62/ 61		.8	1.5	.2	.2	.3	.1	.1										36	36	
60/ 59		2.0	2.7	.5	.5	.5	.3											80	80	19
58/ 57	.3	5.7	5.0	1.2	.6	.3	.2											152	152	61
56/ 55	.4	9.2	7.0	2.2	.5	.2		.2										216	216	78
54/ 53	.4	9.3	7.3	2.3	1.2	.5	.2											231	231	122
52/ 51	.3	9.0	6.3	2.3	1.2	.4												169	169	203
50/ 49	.2	9.0	2.5	.9	.7	.2												93	93	160
48/ 47	.2	2.2	1.9	.8	.4													61	61	127
46/ 45	.1	.5	.8	.4	.4													28	28	127
44/ 43	.2	.2	.1	.3	.1													7	7	86
42/ 41		.2	.2															3	3	57
40/ 39		.3																3	3	54
38/ 37			.1															1	1	32
36/ 35																				22
34/ 33																				19
32/ 31																				9
30/ 29																				19
28/ 27																				5
26/ 25																				2
24/ 23																				2
TOTAL	1.340	935.7	11.2	6.2	2.5	1.1	.6	.3										1099	1099	1099
Element (X)	2X'	2X	X	X	No. Obs.	Mean No. of Hours with Temperature											≥ 80 F	≥ 93 F	Total	
Rel. Hum.	7025239	86687	78.9	13.069	1099															
Dry Bulb	3825785	59371	54.0	9.094	1099														90	
Wet Bulb	2032704	55592	50.6	4.334	1099														90	
Dew Point	2998877	51953	47.3	6.251	1099												2.6		90	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721030
STATION

VANDENBERG AFB CA
STATION NAME

63-74.83-84

YEARS

NOV
MONTH

PAGE 1

2100-2100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL											
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point									
60/ 67																		1	1											
66/ 65				.1					.1	.1								4	4											
60/ 63										.1	.3							8	8											
62/ 61				.7	.2	.5	.4	.5	.1									25	25											
60/ 59																		56	56		9									
58/ 57	.1	2.4	1.2	.6	.1	.1	.1	.3										112	112		11									
56/ 55	.2	3.4	2.4	1.1	.3	.9												132	132		56									
50/ 53	.1	7.4	2.1	1.2	.5		.4											184	184		100									
52/ 51	.7	8.8	4.6	1.0	1.3	.6	.1											181	181		127									
50/ 49	.2	7.8	4.3	1.8	1.4	.6	.5											149	149		126									
48/ 47	.3	7.8	3.0	2.1	.9	.3	.1											87	87		137									
46/ 45	.1	3.8	2.6	1.1	.5													72	72		120									
44/ 43	.2	3.4	1.9	.8	.1													34	34		64									
42/ 41	.2	3.4	1.4	.3														13	13		67									
40/ 39	.7	.7	.2	.3														11	11		63									
38/ 37	.1	.9	.3	.2														4	4		78									
36/ 35	.1	.1	.2															2	2		45									
34/ 33		.1	.1																		28									
32/ 31																					1									
30/ 29																					18									
28/ 27																					8									
26/ 25																					7									
24/ 23																					3									
TOTAL	2.050	125.1	10.9	5.7	3.0	2.2	.6	.1	.1									1083	1083	1083	1083									
Element (X)	Σ X'																Σ X		Σ A		No. Obs.		Mean No. of Hours with Temperature							
Rel. Hum.	7600160																85692		79.114.791		1083		≥ 0 F ≥ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Total							
Dry Bulb	2970765																56553		52.2		9.867		1083		≥ 1					
Wet Bulb	2613053																52923		48.9		9.983		1083		≥ .1					
Dew Point	2293126																49240		45.9		7.789		1083		≥ 4.7					

Element (X)	2x1	2x	X	%	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	7609160	85642	79.1	14.791	1083	± 0 F	± 32 F	± 47 F	± 73 F	± 93 F		
Dry Bulb	2970765	56553	52.2	9.867	1083						90	
Wet Bulb	2613053	52923	48.9	9.983	1083						90	
Dew Point	2293126	49240	45.5	7.788	1083						90	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAAC

PSYCHROMETRIC SUMMARY

723030 VANDENBERG AFB CA
STATION NAME

63-88

YEARS

NOV
MONTH

PAGE 1

0000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31		Dry Bulb	Wet Bulb	Dew Point
80/ 87																		1	1		
80/ 85																		1	1		
80/ 83																		11	11		
82/ 81																		17	17		
80/ 79																		23	23		
78/ 77																		40	40		
76/ 75																		70	70		
74/ 73																		85	85		
72/ 71																		141	141		1
70/ 69																		187	187		1
68/ 67																		259	259		4
66/ 65																		396	396		1
64/ 63																		612	612		3
62/ 61																		788	788		11
60/ 59																		1106	1106		66
58/ 57																		1272	1272		194
56/ 55																		1293	1293		577
54/ 53																		1065	1065		906
52/ 51																		876	876		8330
50/ 49																		685	685		1239
48/ 47																		509	509		1080
46/ 45																		401	401		930
44/ 43																		215	215		764
42/ 41																		111	111		668
40/ 39																		74	74		563
38/ 37																		26	26		516
36/ 35																		18	18		402
34/ 33																		2	2		278
32/ 31																					217
30/ 29																					184
28/ 27																					119
26/ 25																					91
24/ 23																					63
22/ 21																					35

Element (X)	2x'		2x		x		e _x		No. Obs.		Mean No. of Hours with Temperature					Total	
											± 0 F	± 32 F	± 67 F	± 80 F	± 93 F		
Rel. Hum.																	
Dry Bulb																	
Wet Bulb																	
Dew Point																	

GLOBAL CLIMATOLOGY BRANCH
JSAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930	STATION	VANDENBERG AFB CA	STATION NAME	63-84	YEARS	NOV	MONTH
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PAGE 2

[illegible]

PSYCHROMETRIC SUMMARY

DEC
MONTH

PAGE 1 ~~0000-0200~~
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL	
																	D.B./W.B.			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
66/ 63																		0		
64/ 63																		2		
62/ 61																		9		
60/ 60																		8		
58/ 57																		32		1
56/ 56																		45		5
54/ 53																		71		21
52/ 52																		77		29
50/ 49																		114		33
48/ 47																		129		36
46/ 46																		122		62
44/ 43																		118		68
42/ 41																		83		80
40/ 39																		58		77
38/ 37																		32		97
36/ 36																		11		93
34/ 33																		16		72
32/ 31																		3		56
30/ 29																		1		43
28/ 27																		2		52
26/ 25																		1		30
24/ 23																		2		34
22/ 21																		1		22
20/ 19																		2		3
18/ 17																		3		3
16/ 16																		2		2
14/ 13																		2		2
12/ 9																		1		1
8/ 7																		4		4
6/ 5																		2		2
TOTAL	1.645	325.0	16.9	5.8	2.5	1.5	1.1	1.1	.2									937	937	937

Element (X)	Z _{X'}	Z _X	X̄	S _X	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	9632139	70963	75.7	16.596	937	± 0 F	± 32 F	± 67 F	± 93 F	Total	
Dry Bulb	2099450	44080	67.0	5.963	937					93	
Wet Bulb	1603811	40713	43.5	6.073	937					93	
Dew Point	1500506	36576	39.0	6.816	937					93	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725930 STATION NAME VANDENBERG AFB CA 63-72.77.80.83 YEARS REC MONTH

PAGE 1 030000-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 07																		1	1		
60/ 08												.1						2	2		
62/ 05		.5																9	9		
60/ 09		.4																10	10	5	
50/ 09	2.0	2.0																25	25	11	13
50/ 08	2.0	2.0	.7															31	31	16	15
50/ 03	.1	2.0	1.2	.5	.0													46	46	26	19
52/ 01	.1	4.0	1.0	1.3	1.1													79	79	39	30
50/ 09	.4	3.0	2.2	3.0	.7	.2												100	100	57	42
40/ 07	.1	4.0	4.1	2.2	.9	.3												117	117	58	41
40/ 08	.1	6.0	4.7	1.5	1.2	.6												132	132	104	37
40/ 03	.2	6.0	2.0	1.4	1.1													106	106	183	75
42/ 01	.3	2.0	3.5	1.0	.2													74	74	129	87
40/ 30	.2	1.0	3.3	2.0		.5												90	90	76	83
30/ 30	.1	2.0	1.7	1.3		.2												50	50	104	87
36/ 30	.0	1.0	1.6	.4	.2													32	32	63	101
30/ 30	.1	.2	1.3	.2	.2													19	19	48	66
32/ 31	.1	.9	.2															11	11	26	43
30/ 29		.1			.1													2	2	26	37
20/ 27																				4	42
26/ 23																				2	56
20/ 23																				1	30
22/ 21																					10
20/ 19																					1
18/ 17																					4
16/ 15																					2
14/ 13																					5
12/ 11																					2
10/ 9																					3
8/ 7																					2
6/ 5																					2
4/ 3																					1
TOTAL	2.002	728.715	5	6.1	2.0	1.0	.3	.1	.4	.2	.1							936	936	936	936

Element (X)	2x'	2x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	5872900	70516	75.3	16.675	936	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	1996826	42832	45.8	6.274	936		1.3	.1				93
Wet Bulb	1712260	39586	42.3	6.366	936		5.9					93
Dew Point	1410024	35308	37.7	9.141	936		23.9					93

Element (X)	Σ X'	Σ X	Σ Y	No. Obs.	Mean No. of Hours with Temperature											
					± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total					
Rel. Hum.	5872000	70516	75.316	675	936											
Dry Bulb	199826	42832	45.8	6.274	936											93
Wet Bulb	1712260	39580	42.3	6.366	936											93
Dew Point	1410024	35304	37.7	9.141	936											93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

PSYCHROMETRIC SUMMARY

STATION 723030 VANDENBERG AFB CA 63-84 STATION NAME YEARS MONTH DEC

PAGE 1 0600-0000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 67																		2	2		
60/ 65											.1	.1						3	3		
60/ 63											.1	.2						4	4		
60/ 61											.1							5	5		
60/ 59											.1							6	6		
50/ 57											.1	.1						21	21	3	2
50/ 55											.1	.2						34	34	10	12
50/ 53											.1	.2						52	52	20	11
50/ 51											.1	.3						76	76	30	39
50/ 49											.1	.5						118	118	50	37
50/ 47											.1	.2						165	165	70	60
50/ 45											.1	.2						143	143	100	56
50/ 43											.1	.2						170	170	100	55
50/ 41											.1	.2						158	158	120	95
50/ 39											.1	.2						89	89	100	111
50/ 37											.1	.2						99	99	130	88
50/ 35											.1	.2						52	52	110	123
50/ 33											.1	.2						40	40	80	122
50/ 31											.1	.2						29	29	60	100
50/ 29											.1	.2						11	11	60	76
50/ 27											.1	.2						3	3	20	67
50/ 25											.1							1	1		47
50/ 23																				3	51
50/ 21																				3	40
50/ 19																					21
50/ 17																					11
50/ 15																					7
50/ 13																					8
50/ 11																					2
50/ 9																					6
50/ 7																					1
TOTAL	10539.026	217.7	8.6	9.4	1.6	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	1286	1286	1286	1286

Element (X)	2 X'	2 X	X	X'	No. Obs.	Mean No. of Hours with Temperature					
Ref. Num.	7230995	93941	73.017	.076	1286	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 93 F	Total
Dry Bulb	2080014	59624	66.4	6.301	1286			1.1	.1		93
Wet Bulb	2371351	54635	42.5	6.251	1286			5.0			93
Dew Point	1906350	40150	37.4	8.976	1286			25.2			97

Element (X)	2 X'	2 X	X	%	No. Obs.	Mean No. of Hours with Temperature				Total
Ref. Hum.	723099	93941	73.017	0.76	1286	≤ 0 F	≤ 32 F	≤ 67 F	≥ 93 F	Total
Dry Bulb	208014	59624	46.4	6.301	1286		1.1	.1		93
Wet Bulb	237151	54635	42.5	6.251	1286		5.4			93
Dew Point	1906358	48150	37.4	8.976	1286		25.2			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721020 VANDENBERG AFB CA
STATION NAME

63-84

YEARS

DEC
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL																																	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																																	
80/ 79														.1				1	1																																			
78/ 77									.1				.1					3	3																																			
76/ 75									.1	.1	.2	.1						2	2																																			
74/ 73								.1	.1	.2	.2	.5	.1					8	8																																			
72/ 71								.1	.1	.2	.6	.2						21	21																																			
70/ 69								.1	.2	.3	.6	.2						32	32																																			
68/ 67								.1	.7	.5	.2	.1						32	32																																			
66/ 65								.2	.4	.5	.2							48	48																																			
64/ 63								.7	.7	.9	.2							86	86																																			
62/ 61								1.3	1.3	.3	.2							93	93		1																																	
60/ 59								1.7	2.0	.9	.4							177	177		6																																	
58/ 57								2.2	1.7	.9	.6							199	199		23																																	
56/ 55								2.7	2.2	1.7	.3							236	236		91																																	
54/ 53								2.2	2.2	1.7	.2							222	222		73																																	
52/ 51								2.4	2.0	1.7	.6							209	209		84																																	
50/ 49								2.2	2.0	1.7	.4							153	153		119																																	
48/ 47								1.3	1.0	1.1	.6	.2						99	99		118																																	
46/ 45								1.0	.7	1.1	.5	.1						68	68		168																																	
44/ 43								.2	.6	.5	.2	.3						31	31		160																																	
42/ 41								.3	.1	.3	.8	.1	.1					26	26		137																																	
40/ 39								.1	.2	.1	.1	.1						9	9		125																																	
38/ 37								.1	.1	.1	.1							5	5		92																																	
36/ 35																					27																																	
34/ 33																					100																																	
32/ 31																					5																																	
30/ 29																					1																																	
28/ 27																					1																																	
26/ 25																					61																																	
24/ 23																					58																																	
22/ 21																					31																																	
20/ 19																					20																																	
18/ 17																					16																																	
16/ 15																					15																																	
14/ 13																					7																																	
12/ 11																					1																																	
10/ 9																																																						
8/ 7																																																						
6/ 5																																																						
4/ 3																																																						
2/ 1																																																						
0/ 0																																																						
Element (X)	Z X ²																		Z X				X				No. Obs.				Mean No. of Hours with Temperature				Total																			
Rel. Hum.																											≤ 0 F				≤ 32 F				≤ 67 F				≤ 73 F				≤ 80 F				≤ 93 F				Total			
Dry Bulb																																																						
Wet Bulb																																																						
Dew Point																																																						

GLOBAL CLIMATOLOGY BRANCH
USAFETAG
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

723930
STATION

WALLINGFORD AFB CA

63-84

STATION NAME

YEARS

DEC

MONTH

PAGE 2

0900-1100
HOURS (L. S. T.)

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

723020 VANDENBERG AFB CA
STATION NAME

63-89

YEARS

DEC
MONTH

PAGE 1 1200-1800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
86/ 88											.1							1	1								
84/ 83										.1								1	1								
82/ 81											.1		.1					9	9								
80/ 79											.1		.1					5	5								
78/ 77												.2	.2					9	9								
76/ 75								.1			.2	.3	.2					14	14								
74/ 73								.1	.1	.1	.5	.4	.2					27	27								
72/ 71								.1	1.0	1.2	.9	.3	.1					60	60								
70/ 69					.1	.1	.3	.7	1.2	.7	.2	.1						61	61								
68/ 67					.5	.6	.7	.9	1.1	.5	.1	.2						79	79		2						
66/ 65		.2	.2	.4	.5	.5	.8	1.5	1.2	.2	.1							101	101								
64/ 63		.2	.2	1.0	1.5	2.4	1.3	1.0	.7	.2								157	157								
62/ 61		.5	1.1	1.7	2.2	2.5	1.3	.7	.9	.1								193	193		17						
60/ 59		1.0	2.3	3.0	2.0	2.2	1.3	.8	.1									251	251		10						
58/ 57		1.5	3.4	3.4	3.0	2.3	1.0	.7	.1									272	272		34						
56/ 55		1.0	1.8	4.0	1.8	1.7	.7	.2	.1									214	214		63						
54/ 53		1.0	1.3	2.8	1.2	1.3	1.0	.3										154	154		86						
52/ 51		.9	.9	.6	.8	.5	.7	.2										81	81		116						
50/ 49		.3	.3	.3	.3	.3	.6	.2	.1									39	39		133						
48/ 47		.3	.1	.1	.1	.2	.1											12	12		163						
46/ 45		.1	.2	.1	.1	.1	.2											11	11		191						
44/ 43			.1		.1	.1	.1	.1										5	5		166						
42/ 41					.1													1	1		36						
40/ 39																				20	139						
38/ 37																				9	103						
36/ 35																				2	79						
34/ 33																				6	82						
32/ 31																				1	67						
30/ 29																					60						
28/ 27																					38						
26/ 25																					36						
24/ 23																					19						
22/ 21																					16						
20/ 19																					16						
Element (X)	Σ X'			Σ X			X̄			s _x			No. Obs.			Mean No. of Hours with Temperature				Total							
Rel. Hum.																≥ 0 F		≥ 32 F		≥ 67 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																											
Wet Bulb																											
Dew Point																											

PSYCHROMETRIC SUMMARY

723930 VANDENBERG AFB CA

63-84

DEC
MONTH**STATION**

STATION NAME

YEARS

MONTH

PAGE 2 1200-1900
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MSC

PSYCHROMETRIC SUMMARY

123930 VANDENBERG AFB CA
STATION NAME

63-84

YEARS

MC
MONTH

PAGE 1 1900-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb		
80/ 79							.1							.1				3	3			
78/ 77														.1				2	2			
76/ 73													.1					2	2			
74/ 73													.1					6	6			
72/ 71					.1				.1		.1		.2					7	7			
70/ 69				.1	.2	.1	.2	.3	.6	.3	.1		.1					21	21	1		
68/ 67				.1	.2	.5	1.1	.9	.7		.1		.1					41	41			
66/ 65				.1	.2	.5	1.1	.9	.7		.1		.1					61	61			
64/ 63			.1	.3	.6	1.4	.6	.5	.3	.1								68	68	1		
62/ 61		.5	1.2	1.2	1.2	1.6	1.6	.6	.1	.1								129	129	1		
60/ 59	.1	1.2	2.6	2.6	2.6	1.6	.6	.5	.2	.1								203	203	13		
58/ 57	.1	2.1	4.8	3.7	2.1	1.6	.7	.3										281	281	80		
56/ 55	.1	3.7	5.5	4.7	2.6	1.3	.6	.1	.1									326	326	150		
54/ 53	.2	3.6	4.4	3.2	1.3	.6	.3	.3										241	241	215		
52/ 51	.1	3.2	3.0	2.5	1.4	.4	.4											191	191	345		
50/ 49	.1	.9	1.3	.9	.6	.6	.1											81	81	327		
48/ 47	.1	.7	.5	.4	.3	.3	.2											46	46	200		
46/ 45	.1	.2	.2	.1	.1	.1	.1											16	16	139		
44/ 43			.2	.1	.2		.1											10	10	67		
42/ 41			.1				.1											2	2	34		
40/ 39				.1														1	1	32		
38/ 37																		13	13	69		
36/ 35																		3	3	77		
34/ 33																		5	5	47		
32/ 31																		1	1	40		
30/ 29																				1		
28/ 27																				24		
26/ 25																				20		
24/ 23																				12		
22/ 21																				11		
20/ 19																				9		
18/ 17																				1		
16/ 15																				4		
14/ 9																						
Element (X)	Σ X'		Σ X		Σ X		Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Σ 0 F	Σ 32 F	Σ 67 F	Σ 93 F	Total	
Rel. Hum.																						
Dry Bulb																						
Wet Bulb																						
Dew Point																						

PSYCHROMETRIC SUMMARY

63-544

YEARS

WZL
WAGTH

PAGE 2 1800-1700
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR VEHICLE SUPPORT/STWAC

PSYCHROMETRIC SUMMARY

722000 VANDERBILT AFB GA
STATION NAME

63-74-77-84

DEC
MONTH

PAGE 1 1800-0000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
600 07																		1			
600 08																		7			
600 09																		7			
620 01																		14			
600 06																		20			
500 07																		51			
500 08																		104			
500 09																		148			
520 01																		214			
500 06																		205			
000 07																		147			
000 08																		108			
000 09																		71			
020 01																		31			
000 06																		26			
300 07																		6			
300 08																		3			
300 09																		1			
320 01																		2			
300 06																					
200 07																					
200 08																					
200 09																					
220 01																					
200 06																					
180 07																					
160 08																					
100 09																					
80 01																					
60 06																					
TOTAL	1-201-227-010-0	3-9	1-9	0-0	0-0	3-9	1-9	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	0-0	1164	1164	1164	1164

Element (X)	2 X ¹	2 X	Y	C _u	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	0.000029	0.7600	78.317-031	1164	1164	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2.000050	58000	80.2 4.958	1164	1164		0.2					93
Wet Bulb	2.500760	54039	46.4 5.339	1164	1164		1.0					93
Dew Point	2.130093	48897	42.0 8.531	1164	1164		11.9					93

Element (X)	2X'	2X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature				Total
Rel. Hum.	6000000	87600	78000	17.031	1164	≤ 0 F	≤ 32 F	≥ 67 F	≥ 93 F	Total
Dry Bulb	2000000	58000	50000	4.998	1164		0.2	0.1		93
Wet Bulb	2500000	54000	46000	5.333	1164		1.0			93
Dew Point	2130000	48000	42000	8.531	1164		11.8			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/ANMC

PSYCHROMETRIC SUMMARY

723000 WASHINGTON AFB TX
STATION NAME

63-84

YEARS

DEC
MONTH

PAGE 1

HOURS (L. S. T.)
001

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		TOTAL
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
80F 00																		1	1				
80F 01																		1	1				
82F 01																		9	9				
80F 09																		9	9				
78F 09																		14	14				
78F 09																		14	14				
78F 09																		41	41				
72F 01																		88	88				
78F 09																		119	119				
68F 07																		186	186				
66F 06																		228	228				
64F 01																		331	331				
62F 01																		666	666				
60F 09																		699	699				
58F 07																		951	951				
56F 05																		1060	1060				
50F 53																		1052	1052				
52F 51																		1121	1121				
50F 00																		1031	1031				
48F 07																		829	829				
46F 00																		788	788				
46F 03																		619	619				
48F 04																		383	383				
40F 39																		325	325				
38F 37																		163	163				
36F 33																		108	108				
34F 33																		70	70				
32F 31																		33	33				
30F 29																		6	6				
28F 27																		3	3				
26F 25																		2	2				
24F 23																							
22F 21																							
20F 19																							
Element (X)	ΣX ²												ΣX		Σ		Σ		Mean No. of Hours with Temperature		Total		
Rel. Hum.																	± 0 F		± 80 F	± 93 F			
Dry Bulb																			± 32 F				
Wet Bulb																			± 67 F				
Dew Point																							

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAGE

PSYCHROMETRIC SUMMARY

723000 KANSAS CITY MO
STATION NAME

63-84

YEARS

01
MONTH

PAGE 1

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
800 00																		0.0	1	1	
700 00																		0.0	0	0	
900 00																		0.0	10	10	
900 03																		0.0	25	25	
920 00																		0.0	39	39	
900 00																		0.0	55	55	
800 00																		0.0	57	57	
800 05																		0.0	102	102	
800 03																		0.0	129	129	
820 00																		0.0	172	172	
800 00																		0.0	250	250	
700 00																		0.0	380	380	
700 05																		0.0	500	500	
700 03																		0.0	843	843	
720 00																		0.0	1367	1367	
700 00																		0.0	2029	2029	
600 00																		0.0	3067	3067	
600 05																		0.0	4000	4000	
600 03																		0.0	6881	6881	
620 00																		0.0	8912	8912	
600 00																		0.0	13970	13970	
500 00																		0.0	1481	1481	
500 03																		0.0	1530	1530	
520 00																		0.0	1915	1915	
500 00																		0.0	1200	1200	
500 05																		0.0	9978	9978	
400 00																		0.0	5664	5664	
400 03																		0.0	4007	4007	
420 00																		0.0	2587	2587	
400 03																		0.0	1727	1727	
400 00																		0.0	1122	1122	
300 00																		0.0	551	551	
300 05																		0.0	327	327	
300 03																		0.0	146	146	

Element (X)	2x	X	Y	No. Obs.	Mean No. of Hours with Temperature				Total
Rel. Hum.					≤ 0 F	≥ 32 F	≥ 67 F	≥ 80 F	≥ 93 F
Dry Bulb									
Wet Bulb									
Dew Point									

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/WWC

PSYCHROMETRIC SUMMARY

125980 VANDENBERG AFB CA

63-84

ALL

STATION NAME

YEARS

PAGE 2

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
320-33	.0	.0	.0	.0	.0	.0												69	69	2000	8057
300-31		.0	.0	.0	.0													23	23	1500	1636
280-29		.0	.0	.0	.0													5	5	040	1079
260-28			.0	.0														3	3	10	030
240-25																				0	040
220-24																				3	029
200-21																					050
180-19																					136
160-18																					79
140-15																					38
120-13																					22
100-11																					22
80-9																					19
60-7																					8
40-5																					3
20-3																					0
TOTAL	1.001	0.020	0.017	0.010	0.005	5.0	3.0	1.7	1.0	0.6	0.4	0.3	0.2	0.1	0.1	0.0	0.0	123050	123086	123050	0760
				</																	

Element (X)	Σ x ²	Σ x	x̄	No. Obs.	Mean No. of Hours with Temperature					Total
Rel. Hum.	709300122	8136140	73.016	123050	≥ 0 F	≥ 73 F	≥ 80 F	≥ 93 F		
Dry Bulb	305008071	6939909	56.0	123086	7.0	629.7	185.6	50.9	3.0	0760
Wet Bulb	330602611	6356051	51.3	123050	32.6	23.6	2.1			0760
Dew Point	279537370	5808118	46.9	123050	488.2	4.3	.5			0760

RELATIVE HUMIDITY

MONTH
DATE

STATION NAME

CONCLUSIONS

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
JAN	00-02	100.0	100.0	99.8	96.2	90.1	80.6	65.3	48.2	16.8	75.6	929
	03-05	100.0	100.0	99.2	96.7	92.4	82.2	67.3	44.8	17.7	75.7	932
	06-08	100.0	99.9	99.1	96.3	90.4	79.1	64.7	42.3	14.7	74.4	1205
	09-11	99.9	98.9	94.5	82.8	69.4	55.2	40.8	24.2	6.7	63.1	1780
	12-14	100.0	97.8	91.3	76.5	61.1	46.0	29.2	14.5	3.6	57.9	1706
	15-17	100.0	98.9	95.9	88.9	76.1	61.4	41.9	19.8	6.0	64.6	1692
	18-20	100.0	100.0	99.2	96.7	91.5	82.5	68.9	45.2	13.1	75.5	1136
	21-23	100.0	100.0	99.1	96.8	91.2	81.1	68.3	50.1	17.7	76.2	1009
TOTALS		100.0	99.4	97.2	91.6	82.8	71.0	55.8	36.1	12.3	70.6	10073

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

721000 STATION NAME WANDENBERG AFB CA PERIOD 60-80 MONTH FEB

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.5	97.1	91.5	83.8	76.7	58.5	20.7	78.5	889
	03-05	100.0	100.0	99.9	98.7	93.4	87.0	75.8	57.0	18.5	78.6	853
	06-08	100.0	100.0	99.8	97.9	91.9	83.8	71.3	50.1	19.1	77.3	1001
	09-11	100.0	99.5	95.9	86.6	78.3	60.2	44.5	24.9	8.5	65.3	1004
	12-14	100.0	98.4	94.4	84.8	70.2	53.2	31.0	11.5	2.1	60.4	1006
	15-17	100.0	99.2	97.0	91.6	84.0	71.1	49.8	17.7	3.9	67.2	1001
	18-20	100.0	99.9	99.1	97.5	93.7	87.9	79.4	51.1	9.8	77.6	973
	21-23	100.0	100.0	99.7	96.9	93.4	86.2	78.3	59.8	17.1	78.7	906
TOTALS		100.0	99.6	98.2	93.9	86.6	76.8	63.8	41.3	12.8	73.0	9003

RELATIVE HUMIDITY

MAR

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%		
00-02	100.0	100.0	99.6	98.4	95.7	91.6	82.9	57.9	17.6	80.1	926
03-05	100.0	100.0	100.0	99.1	96.9	91.4	81.9	56.7	17.8	80.5	940
06-08	100.0	100.0	99.9	98.2	94.3	87.1	76.8	54.1	19.6	78.9	1245
09-11	100.0	99.8	97.3	90.2	78.8	64.1	42.1	12.3	5.5	65.5	1309
12-14	100.0	99.2	96.4	90.6	80.1	60.4	31.1	10.4	2.3	62.8	1734
15-17	100.0	99.4	98.6	96.2	91.4	76.0	46.0	15.2	3.5	68.5	1727
18-20	100.0	100.0	99.6	98.9	97.9	94.0	82.2	48.4	8.3	77.9	1078
21-23	100.0	100.0	99.5	98.2	95.8	93.3	86.3	57.9	16.0	80.3	1003
TOTALS	100-0	99.8	98.9	96.2	91.4	82.2	66.1	39.2	11.3	74.3	10812

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AMC

RELATIVE HUMIDITY

721010 STATION VANDENBERG AFB CA PERIOD 68-88 MONTH APR

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	99.8	98.3	96.9	92.1	89.8	68.3	23.1	82.1	989
	03-05	100.0	100.0	99.7	98.9	96.9	92.2	85.0	67.9	23.7	82.2	982
	06-08	100.0	100.0	99.8	98.3	93.9	85.5	72.7	48.1	18.9	77.6	1819
	09-11	100.0	99.6	97.5	93.8	82.1	61.6	36.9	13.9	3.6	64.5	1873
	12-14	100.0	99.6	98.9	99.2	89.3	59.7	29.1	5.9	1.5	62.5	1886
	15-17	100.0	100.0	99.5	97.9	90.7	73.9	39.5	9.5	1.5	66.8	1638
	18-20	100.0	100.0	99.9	99.6	97.5	90.9	79.3	39.6	8.1	77.9	1025
	21-23	100.0	100.0	99.9	99.9	97.7	92.9	86.0	63.7	16.9	81.5	959
TOTALS		100.0	99.9	99.2	97.9	92.5	81.0	63.5	39.6	12.1	79.3	10096

RELATIVE HUMIDITY

64-83

PERIOD

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	99.9	99.4	99.4	98.6	97.3	78.5	29.3	86.4	986
	03-05	100.0	100.0	100.0	99.4	99.3	98.5	96.6	80.8	33.3	87.2	909
	06-08	100.0	99.9	99.7	98.9	97.6	94.6	83.9	56.3	22.1	81.4	1523
	09-11	100.0	99.8	99.5	97.6	93.1	78.9	48.4	20.6	6.7	70.4	1609
	12-14	100.0	99.9	99.3	96.3	94.6	72.3	33.8	8.4	1.4	66.6	1691
	15-17	100.0	99.9	99.6	98.6	95.7	83.2	47.7	12.9	2.0	69.9	1523
	18-20	100.0	99.9	99.6	99.2	98.7	97.0	88.3	48.5	11.8	80.3	1054
	21-23	100.0	100.0	99.9	99.4	99.4	99.0	96.7	70.1	23.7	84.9	1006

RELATIVE HUMIDITY

69-84

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
JANUARY	00-02	100.0	100.0	100.0	100.0	99.9	99.2	98.8	85.7	81.6	88.5	902
	03-05	100.0	100.0	100.0	99.8	99.4	98.7	98.2	86.3	89.0	89.0	908
	06-08	100.0	99.8	99.6	98.9	98.1	96.4	88.0	64.0	32.6	83.7	1047
	09-11	100.0	99.7	99.0	98.5	96.0	85.2	55.2	23.5	7.2	72.8	1658
	12-14	100.0	99.7	99.1	98.6	96.2	78.8	37.5	8.3	1.1	68.0	1657
	15-17	100.0	99.7	99.4	98.8	97.4	86.9	52.8	14.2	1.7	71.2	1546
	18-20	100.0	100.0	99.9	99.8	99.7	98.5	92.4	52.3	11.1	61.4	1007
	21-23	100.0	100.0	100.0	100.0	100.0	99.7	99.5	79.4	29.8	86.9	984
TOTALS		100.0	99.9	99.6	99.3	98.3	92.9	77.8	51.7	21.8	80.2	9999

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723930

WANDENBERG AFB CA

64-84

MONTH

STATION NAME

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
00-01	00-01	100.0	100.0	100.0	100.0	100.0	99.8	99.2	92.8	38.5	930
01-02	01-01	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.0	48.1	933
02-03	02-01	100.0	100.0	100.0	100.0	99.8	98.8	95.1	81.5	43.2	1059
03-04	03-01	100.0	100.0	100.0	99.9	98.6	91.1	69.2	34.8	8.1	1065
04-05	04-01	100.0	100.0	100.0	99.7	98.2	85.4	41.9	5.6	.5	1057
05-06	05-01	100.0	100.0	100.0	99.8	98.3	90.6	58.5	12.5	.6	1051
06-07	06-01	100.0	100.0	100.0	100.0	100.0	99.0	93.4	63.5	10.6	1037
07-08	07-01	100.0	100.0	100.0	100.0	99.9	99.7	99.4	88.3	27.9	996
08-09	08-01										
09-10	09-01										
10-11	10-01										
11-12	11-01										
12-13	12-01										
13-14	01-01										
14-15	02-01										
15-16	03-01										
16-17	04-01										
17-18	05-01										
18-19	06-01										
19-20	07-01										
20-21	08-01										
21-22	09-01										
22-23	10-01										
23-24	11-01										
TOTALS		100.0	100.0	100.0	99.9	99.4	95.6	82.1	59.3	22.2	10828

RELATIVE HUMIDITY

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
APR	00-02	100.0	100.0	100.0	100.0	99.9	99.8	99.7	93.8	85.9	89.5	953
	03-05	100.0	100.0	100.0	100.0	100.0	99.8	99.5	95.9	52.8	90.5	953
	06-08	100.0	100.0	100.0	99.9	99.6	98.7	95.9	82.6	46.5	88.2	1090
	09-11	100.0	100.0	99.9	99.5	97.7	89.7	65.1	38.6	10.1	75.8	1107
	12-14	100.0	100.0	100.0	99.6	96.6	83.2	36.5	9.6		68.0	1190
	15-17	100.0	100.0	100.0	99.9	98.5	91.6	56.6	13.3	.2	72.2	1096
	18-20	100.0	100.0	100.0	100.0	99.9	99.3	95.0	68.1	10.4	83.5	1076
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	99.0	89.8	29.7	87.8	1021
TOTALS		100.0	100.0	100.0	99.9	99.0	95.3	80.9	60.1	24.5	81.9	10198

RELATIVE HUMIDITY

SEP
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
SEP	00-02	100.0	99.4	98.8	97.3	95.8	94.0	90.7	76.0	28.2	84.0	962
	03-05	100.0	99.4	98.3	97.1	95.1	93.5	91.1	76.7	33.1	84.5	900
	06-08	100.0	99.3	98.0	96.5	94.4	91.8	87.2	70.0	34.6	83.1	802
	09-11	99.3	98.0	95.4	92.5	87.9	76.7	54.6	31.1	10.1	70.6	1732
	12-14	99.7	98.2	96.8	93.7	87.0	71.1	38.5	10.4	1.7	65.7	1735
	15-17	99.9	98.5	97.6	95.5	91.7	80.0	53.9	19.7	1.4	69.9	1506
	18-20	100.0	99.9	98.7	97.5	95.2	93.5	85.3	56.8	12.2	80.2	1462
	21-23	100.0	99.9	99.4	97.8	95.9	94.0	90.7	71.0	24.4	83.3	1006
TOTALS		60.0	60.1	67.0	96.0	92.9	86.8	74.0	51.5	10.2	77.7	10129

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723020 STATION ~~POWERSBURG AFB GA~~ STATION NAME ~~61-88~~ PERIOD ~~OCT~~ MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	99.8	95.9	92.7	88.2	85.3	79.0	60.0	23.6	78.3	953
	03-05	100.0	99.8	95.1	91.4	87.9	83.5	77.0	58.9	24.1	78.7	956
	06-08	100.0	99.8	94.7	90.4	85.7	80.7	72.7	53.7	22.1	75.8	1822
	09-11	99.9	94.3	88.2	81.5	73.3	60.6	39.4	19.3	6.8	62.3	1797
	12-14	99.8	95.4	91.1	85.0	79.6	57.3	28.3	8.1	1.0	60.0	1786
	15-17	100.0	98.1	93.9	91.7	85.9	75.5	99.3	16.4	2.3	67.5	1873
	18-20	100.0	99.7	98.1	95.8	92.4	88.4	80.1	48.7	13.4	78.9	1854
	21-23	100.0	99.8	98.1	94.9	90.3	85.6	79.2	61.8	20.5	79.0	1889
TOTALS		100.0	98.2	94.5	90.4	84.7	77.1	63.0	40.8	14.2	72.3	10739

RELATIVE HUMIDITY

63-844

PERIODNOV
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
NOV	00-02	100.0	100.0	99.7	96.8	91.6	84.6	74.1	55.9	16.8	97.7	905
	03-05	100.0	100.0	99.0	96.3	90.2	82.7	72.9	54.2	16.1	76.9	902
	06-08	100.0	99.8	98.2	93.6	86.9	78.4	65.9	46.3	15.4	74.3	1240
	09-11	100.0	97.6	90.7	80.6	66.7	51.9	34.8	18.1	4.8	60.4	1089
	12-14	100.0	97.3	90.6	81.5	65.6	44.1	23.6	8.4	1.5	57.0	1089
	15-17	100.0	99.4	96.5	92.9	85.4	72.3	49.7	20.3	3.2	67.0	1079
	18-20	100.0	100.0	99.5	98.7	94.6	89.5	79.4	54.3	12.9	76.9	1099
	21-23	100.0	100.0	99.7	97.7	92.7	86.6	77.1	60.4	10.1	79.1	1003
TOTALS		100.0	99.3	96.7	92.3	80.7	73.8	59.7	39.7	11.1	71.5	10286

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

727010 STATION

WANDERERS AFB CA STATION NAME

63-84

PERIOD

DEC MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	99.7	98.2	96.4	91.7	81.6	65.1	47.6	19.2	78.7	937
	03-05	100.0	99.9	98.4	96.4	91.9	81.8	65.2	49.7	20.8	78.3	936
	06-08	100.0	99.9	98.7	95.2	88.6	76.6	60.0	49.7	19.8	73.8	1286
	09-11	100.0	99.2	91.9	80.9	67.5	50.0	36.0	19.9	6.6	68.7	1757
	12-14	100.0	97.8	87.9	79.1	57.5	40.8	24.7	11.3	2.8	55.8	1757
	15-17	100.0	99.1	93.2	87.9	76.5	62.7	44.4	22.0	5.9	65.1	1738
	18-20	100.0	99.7	97.7	95.9	89.9	80.6	67.8	46.9	17.8	75.3	1169
	21-23	100.0	99.8	98.5	95.2	91.5	82.9	68.5	49.0	19.5	76.3	1136
TOTALS		100.0	99.1	95.8	90.2	81.9	69.6	58.0	35.3	13.1	69.6	10711

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

723910 STATION NAME WANDERING AFB CA PERIOD 13-84 MONTH ALL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.3	97.2	93.6	82.8	71.0	55.8	36.1	12.3	78.0	10073
FEB		100.0	99.0	98.2	93.9	86.6	76.6	63.4	51.3	12.4	73.0	9083
MAR		100.0	99.0	98.9	96.2	91.4	82.2	68.1	59.2	11.3	70.3	10012
APR		100.0	99.9	99.2	97.4	92.5	81.0	63.5	39.6	12.1	74.3	10096
MAY		100.0	99.9	99.7	98.9	97.2	90.3	74.1	47.0	16.3	78.4	10106
JUN		100.0	99.9	99.6	99.3	98.3	92.9	77.8	51.7	21.8	80.2	9989
JUL		100.0	100.0	100.0	99.9	99.4	95.6	82.1	59.3	22.2	81.9	10120
AUG		100.0	100.0	100.0	99.9	99.0	95.3	80.9	60.3	24.8	81.9	10398
SEP		99.9	99.1	97.9	96.0	92.9	86.8	74.0	51.5	18.2	77.7	10729
OCT		100.0	98.2	96.5	90.4	84.7	77.1	63.0	40.8	14.2	72.3	10739
NOV		100.0	99.3	96.7	92.3	84.2	73.8	59.7	39.7	11.1	71.5	10006
DEC		100.0	99.1	95.8	90.2	81.9	69.6	54.0	35.1	11.1	69.6	10111
TOTALS		100.0	99.5	98.1	95.5	90.9	82.7	67.9	45.2	15.8	75.6	123050

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

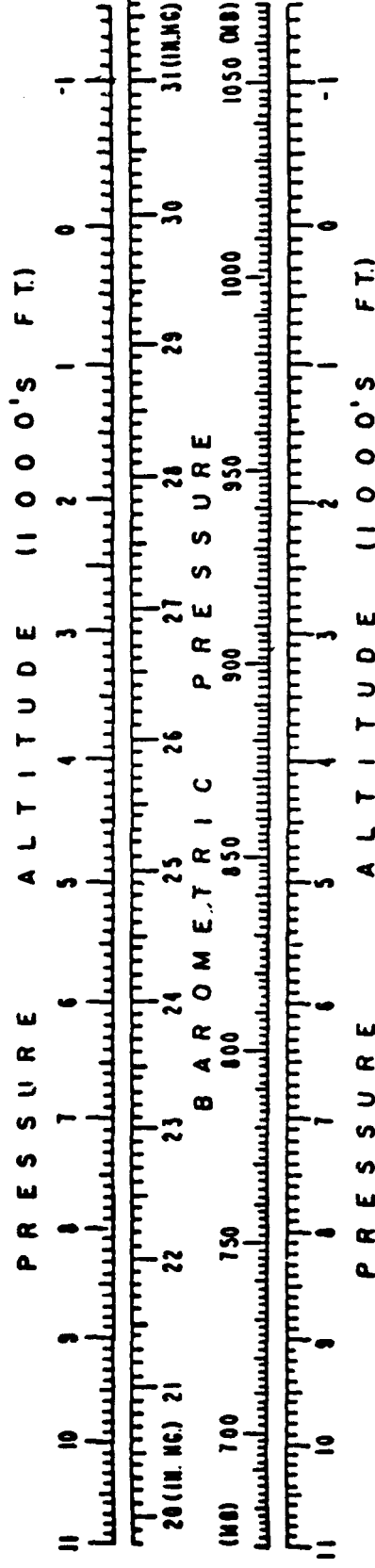
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

723930 VANDENBERG AFB CA 63-84

HRS. (L.S.T.)	STATION NAME												ANNUAL
	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	
01	MEAN	29.69329	29.66729	29.69829	29.63429	29.58629	29.53729	29.54429	29.52329	29.50729	29.50529	29.49129	29.602
	S.D.	.126	.123	.111	.093	.087	.071	.048	.065	.076	.083	.117	.116
	TOTAL OBS	288	226	250	242	253	241	249	290	291	288	271	3130
04	MEAN	29.60929	29.65129	29.63129	29.60829	29.57629	29.52829	29.53829	29.51529	29.50029	29.57029	29.63329	29.591
	S.D.	.129	.121	.108	.097	.082	.066	.047	.063	.075	.082	.117	.114
	TOTAL OBS	310	284	313	300	314	303	310	318	322	317	300	3703
07	MEAN	29.69229	29.67429	29.65029	29.63929	29.58729	29.55329	29.56429	29.55329	29.53029	29.59929	29.65829	29.604
	S.D.	.131	.121	.118	.093	.084	.070	.057	.067	.078	.079	.113	.108
	TOTAL OBS	321	289	328	338	503	489	492	535	544	526	344	5065
10	MEAN	29.71829	29.69629	29.68729	29.60829	29.60429	29.56829	29.58029	29.57029	29.55129	29.62429	29.68429	29.634
	S.D.	.134	.130	.130	.096	.082	.069	.056	.066	.077	.080	.113	.116
	TOTAL OBS	566	519	588	559	567	554	555	569	578	582	563	6782
13	MEAN	29.66329	29.66229	29.63329	29.63529	29.59329	29.56529	29.57529	29.55729	29.52929	29.59129	29.63929	29.608
	S.D.	.132	.131	.130	.090	.082	.071	.058	.066	.079	.080	.114	.110
	TOTAL OBS	507	461	517	494	501	493	492	536	549	550	533	6187
16	MEAN	29.65429	29.63929	29.60729	29.60629	29.57429	29.54729	29.55029	29.53029	29.50429	29.57329	29.62529	29.588
	S.D.	.132	.127	.127	.092	.079	.070	.056	.065	.076	.079	.112	.110
	TOTAL OBS	561	514	577	556	563	547	553	564	574	580	561	6729
19	MEAN	29.68129	29.66129	29.63929	29.62129	29.58029	29.53629	29.54529	29.51829	29.50729	29.58429	29.64329	29.598
	S.D.	.134	.123	.118	.091	.085	.071	.050	.063	.077	.084	.111	.116
	TOTAL OBS	317	261	296	279	289	273	284	329	358	354	336	3729
22	MEAN	29.70529	29.68329	29.65929	29.64229	29.60329	29.55429	29.56129	29.53729	29.52329	29.59829	29.66029	29.618
	S.D.	.132	.120	.114	.093	.082	.068	.050	.065	.077	.082	.110	.115
	TOTAL OBS	370	312	343	332	345	330	341	351	382	380	361	4224
ALL HOURS	MEAN	29.68529	29.66729	29.63929	29.62929	29.58929	29.55129	29.56029	29.54229	29.52229	29.59229	29.64929	29.607
	S.D.	.133	.127	.123	.094	.083	.071	.056	.068	.079	.083	.115	.114
	TOTAL OBS	3200	2856	3239	3100	3335	3230	3276	3492	3598	3577	3269	39549

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HGS FROM HOURLY OBSERVATIONS

63-84

723939 VANDENBERG AFB CA

HRS. (L.S.T.)	MEAN S.D. TOTAL OBS	STATION NAME												YEARS				ANNUAL
		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.					
01	1019.4 0.303 310	1019.4 0.303 310	1018.5 0.128 283	1017.9 0.754 312	1017.0 3.332 302	1015.7 2.831 315	1013.9 2.321 301	1014.2 1.628 310	1013.4 2.238 320	1012.9 2.595 321	1015.9 2.791 318	1017.6 3.955 302	1018.6 4.570 312	1016.2 3.948 3706				
04	1019.2 0.398 310	1019.2 0.398 310	1017.9 0.139 284	1017.2 3.704 313	1016.4 3.326 300	1015.3 2.825 314	1013.6 2.258 303	1013.9 1.620 310	1013.1 2.178 318	1012.6 2.593 321	1015.0 2.816 317	1017.2 3.998 301	1018.4 4.620 312	1015.8 3.931 3703				
07	1019.5 0.471 380	1019.5 0.471 380	1018.7 0.072 346	1017.7 4.005 389	1017.3 3.327 397	1015.7 2.818 565	1014.5 2.363 549	1014.8 1.937 553	1014.4 2.219 561	1013.7 2.668 574	1016.0 2.682 555	1018.1 3.831 373	1019.1 4.508 386	1016.3 3.724 5628				
10	1020.1 0.617 360	1020.1 0.617 360	1019.4 0.480 518	1018.0 4.440 585	1017.7 3.279 559	1016.2 2.830 567	1014.9 2.370 554	1015.4 1.931 555	1015.0 2.226 569	1014.3 2.693 578	1016.8 2.739 582	1018.9 3.846 561	1020.1 4.514 564	1017.2 3.993 6752				
13	1018.4 0.529 361	1018.4 0.529 361	1018.2 0.393 518	1017.2 4.375 579	1017.2 3.162 554	1015.9 2.758 563	1014.8 2.362 553	1015.1 1.934 553	1014.9 2.202 567	1013.6 2.698 578	1015.7 2.689 581	1017.4 3.833 561	1018.2 4.478 561	1016.3 3.746 6729				
16	1017.9 0.560 354	1017.9 0.560 354	1017.4 0.377 514	1016.3 4.350 577	1016.3 3.148 555	1015.2 2.718 563	1014.2 2.402 547	1014.3 1.918 552	1013.6 2.192 564	1012.7 2.627 574	1015.1 2.705 580	1016.9 3.801 559	1017.8 4.452 556	1015.6 3.768 6695				
19	1019.0 0.553 379	1019.0 0.553 379	1018.2 0.118 316	1017.2 4.038 358	1016.6 3.163 339	1015.4 2.785 351	1014.0 2.365 333	1014.2 1.677 345	1013.3 2.123 360	1012.9 2.618 386	1015.9 2.818 385	1017.6 3.768 366	1018.6 4.525 385	1016.0 3.937 4303				
22	1019.7 0.513 372	1019.7 0.513 372	1018.9 0.105 312	1018.1 3.895 343	1017.5 3.172 332	1016.2 2.798 344	1014.5 2.353 330	1014.7 1.698 341	1013.9 2.184 350	1013.4 2.647 383	1016.0 2.824 380	1018.1 3.782 361	1019.2 4.519 378	1016.7 3.956 4226				
ALL HOURS	1019.1 0.568 3426	1019.1 0.568 3426	1018.4 0.377 3091	1017.4 4.185 3456	1017.0 3.268 3338	1015.7 2.814 3582	1014.4 2.392 3470	1014.7 1.892 3519	1014.0 2.283 3609	1013.3 2.707 3715	1015.7 2.800 3698	1017.8 3.894 3384	1018.7 4.568 3454	1016.3 3.896 41742				